

Table 1: DEQ Milestone Report
Controlling Confirmed or Suspected Upland Sources of Contamination to Portland Harbor

Note: Sites in this table are listed in order of their position alongside the Willamette River, or the “River Mile” associated with their location; the River Mile indicates distance from the Willamette River’s confluence with the Columbia River.

- = Shading indicates that upland source control work has been completed at the site.
- = Orange indicates that the site is a high priority, or potentially high priority for source control.
- = Yellow indicates that the site is a medium priority, or potentially medium priority for source control.
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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	XPA	06/12/06	Overland Transport/Sheet Flow	N/A	NA	N/A	N/A	none	to be determined	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	XPA	06/12/06	Bank Erosion	N/A	NA	N/A	N/A	none		N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	XPA	12/06/06	Groundwater	Pending EPA Review	none	spring 2007	Insignificant pathway; no actions recommended	p Low		Waiting on SCE completion (Spring 2007)									
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	XPA	12/06/06	Stormwater	Pending EPA Review	none	Spring 2007	Insignificant pathway; no actions recommended	p Low		Waiting on SCE to be completed. Spring 2007									
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	XPA	06/12/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	XPA	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Kevin Parrett	PH Agr for RI/SCM (6/00)	RI	06/12/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	no pathway; berm prevents overland transport/sheet flow	None	High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Kevin Parrett	PH Agr for RI/SCM (6/00)	RI	12/12/06	Bank Erosion	Completed		SCE is part of June 06 Alternatives Evaluation	Pathway is complete	High		Anticipate submitting Alternatives Evaluation to EPA in early January 07	alternatives evaluation completed (June 2006)		Anticipate submittal to EPA in early January 2007						
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Kevin Parrett	PH Agr for RI/SCM (6/00)	RI	06/12/06	Groundwater (UST & AST AOCs)	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA 10/2004; no comments received		Soil removal completed at time of spill, prior to SCE					SCE submitted to EPA 10/2004; no comments received		
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Kevin Parrett	PH Agr for RI/SCM (6/00)	RI	12/12/16	Groundwater (other AOCs)	Completed		July 2006	Pathway is complete	Low		SCE to be submitted to EPA August 2006	Waiting for in-water RI to determine background manganese levels								
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Kevin Parrett	PH Agr for RI/SCM (6/00)	RI	12/12/16	Stormwater	Completed		August 2006	Pathway is complete	p High		SCE is part of Alternatives Evaluation	alternative evaluation completed Augsut 2006	End of pipe containment and treatment	EPA Agreed with proposed approach 9/14/06						
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Kevin Parrett	PH Agr for RI/SCM (6/00)	RI	06/12/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Kevin Parrett	PH Agr for RI/SCM (6/00)	RI	06/12/06	Other - current NPDES permitted discharge	Not Started	To be determined	No current schedule	Waiting on SCE to be completed			Waiting on SCE to be completed									
Esco Landfill Sauive Island	4409	2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	PA	06/12/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island	4409	2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	PA	06/12/06	Bank Erosion	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island	4409	2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	PA	12/12/06	Groundwater	Ongoing	groundwater monitoring ongoing	December 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE completion									
Esco Landfill Sauive Island	4409	2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	PA	06/12/06	Stormwater	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island	4409	2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	PA	06/12/06	Overwater Activities	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island	4409	2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	PA	06/12/06	Other	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Consolidated Metco	3295	2.8 E	3940 N Rivergate	Mike Romero	PH Letter Agr for XPA	XPA	12/07/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)										
Site information					Project status																				
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements	
												Pathway determination	Pathway priority level	Site priority level											
Consolidated Metco	3295	2.8 E	3940 N Rivergate	Mike Romero	PH Letter Agr for XPA	XPA	12/07/06	Bank Erosion	N/A	N/A	N/A	N/A	none	P Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Consolidated Metco	3295	2.8 E	3940 N Rivergate	Mike Romero	PH Letter Agr for XPA	XPA	12/07/06	Groundwater	Ongoing	DEQ is revisiting draft SCD	6/07	Waiting on SCE to be completed.	p Low		Waiting on SCE to be completed										
Consolidated Metco	3295	2.8 E	3940 N Rivergate	Mike Romero	PH Letter Agr for XPA	XPA	12/07/06	Stormwater	Ongoing	JSCS Prescribed Stormwater Evaluation	10/07	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed										
Consolidated Metco	3295	2.8 E	3940 N Rivergate	Mike Romero	PH Letter Agr for XPA	XPA	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Consolidated Metco	3295	2.8 E	3940 N Rivergate	Mike Romero	PH Letter Agr for XPA	XPA	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Harborton	2353	3.2 W	NW Marina Way	Matt McClincy	PH Agr for RI/SCM (6/00)	Completed SCD	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Harborton	2353	3.2 W	NW Marina Way	Matt McClincy	PH Agr for RI/SCM (6/00)	Completed SCD	03/06/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 5/04		No SCM needed								
PGE Harborton	2353	3.2 W	NW Marina Way	Matt McClincy	PH Agr for RI/SCM (6/00)	Completed SCD	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 5/04		No SCM needed								
PGE Harborton	2353	3.2 W	NW Marina Way	Matt McClincy	PH Agr for RI/SCM (6/00)	Completed SCD	03/06/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 5/04		No SCM needed								
PGE Harborton	2353	3.2 W	NW Marina Way	Matt McClincy	PH Agr for RI/SCM (6/00)	Completed SCD	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Harborton	2353	3.2 W	NW Marina Way	Matt McClincy	PH Agr for RI/SCM (6/00)	Completed SCD	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Time Oil	170	3.4 E	10350 Time Oil Rd	Tom Roick	Pre-PH Agr. (9/96)	Risk Assessment	12/01/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Time Oil	170	3.4 E	10350 Time Oil Rd	Tom Roick	Pre-PH Agr. (9/96)	Risk Assessment	12/01/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Time Oil	170	3.4 E	10350 Time Oil Rd	Tom Roick	Pre-PH Agr. (9/96)	Risk Assessment	12/01/06	Groundwater (Main Tank Farm Petroleum Plume)	Ongoing	Source Control Evaluation report submitted 6/06	Summer 2007	Pathway below concentrations of concern at the river; monitoring required	p Low		Waiting on SCE to be completed		Final SCM TBD; Interim passive NAPL recovery ongoing; In-situ chem ox pilot conducted Spring 2006								
Time Oil	170	3.4 E	10350 Time Oil Rd	Tom Roick	Pre-PH Agr. (9/96)	Risk Assessment	12/01/06	Groundwater (Bell Terminal Petroleum Plume)	Ongoing	Source Control Evaluation report submitted 6/06	Summer 2007	Pathway appears incomplete to the river; investigation dependent on Premier Edible Oils (ECSI # 2013)	p Low		Waiting on SCE to be completed										
Time Oil	170	3.4 E	10350 Time Oil Rd	Tom Roick	Pre-PH Agr. (9/96)	Risk Assessment	12/01/06	Groundwater (Penta Plume)	Completed			SCMs retard penta migration and prevent penta discharge to private stormwater outfall	p High		SCE submitted to EPA.	alternatives evaluation completed	Source area pump & treat; insitu chemical oxidation; gw to sw intercept pump & treat	SCM submitted to EPA May 2004; partners responded with questions	Ongoing pump & treat provides containment; 3 rounds of insitu chemical oxidation conducted through Spring '06	Over 25 million gallons of groundwater pumped and treated; ChemOx has also treated groundwater insitu (no estimate of volume)	Ongoing groundwater pump & treat; evaluation of ChemOx effectiveness TBD - one or more additional rounds may be needed			Ongoing maintenance and monitoring of pump & treat system	
Time Oil	170	3.4 E	10350 Time Oil Rd	Tom Roick	Pre-PH Agr. (9/96)	Risk Assessment	12/01/06	Stormwater	Ongoing	Source Control Evaluation report submitted 6/06; additional stormwater data required	Summer 2007	Pathway appears insignificant (see above re:gw penta plume)	p Low		Waiting on SCE to be completed										
Time Oil	170	3.4 E	10350 Time Oil Rd	Tom Roick	Pre-PH Agr. (9/96)	Risk Assessment	12/01/06	Overwater Activities	Ongoing	Source Control Evaluation report submitted 6/06	Summer 2007	No known current sources (no spills reported to EERS)	p Low		Waiting on SCE to be completed										

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Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
Time Oil	170	3.4 E	10350 Time Oil Rd	Tom Roick	Pre-PH Agr. (9/96)	Risk Assessment	12/01/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Portland Outfalls	various	3.5 to 9.2	various	Tom Roick	IGA for RI SCM (8/03)	RI	12/01/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Portland Outfalls	various	3.5 to 9.2	various	Tom Roick	IGA for RI SCM (8/03)	RI	12/01/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Portland Outfalls	various	3.5 to 9.2	various	Tom Roick	IGA for RI SCM (8/03)	RI	12/01/06	Groundwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Portland Outfalls	various	3.5 to 9.2	various	Tom Roick	IGA for RI SCM (8/03)	RI	12/01/06	Stormwater	Ongoing	Complete outfall basin characterizations, site-specific investigations and source control, recontamination assessment	Ongoing through 2010 (corresponding to Portland Harbor ROD)	Suspected pathway	p High		Waiting on SCE to be completed.		Final SCM TBD. Ongoing SW inspections, investigations of illicit discharges, identification of potential contributors to City system. Site-specific catch basin cleanouts, line cleaning, and implementation of BMPs							
City of Portland Outfalls	various	3.5 to 9.2	various	Tom Roick	IGA for RI SCM (8/03)	RI	12/01/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Portland Outfalls	various	3.5 to 9.2	various	Tom Roick	IGA for RI SCM (8/03)	RI	12/01/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ACF Industries	794	3.6 W	12160 NW St Helens	Dan Hafley	Unilateral Order (8/00)	Remedial Action complete	11/28/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ACF Industries	794	3.6 W	12160 NW St Helens	Dan Hafley	Unilateral Order (8/00)	Remedial Action complete	11/28/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ACF Industries	794	3.6 W	12160 NW St Helens	Dan Hafley	Unilateral Order (8/00)	Remedial Action complete	11/28/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA (10/04); no comments		No SCM needed					SCM submitted to EPA (10/04). No comments.		
ACF Industries	794	3.6 W	12160 NW St Helens	Dan Hafley	Unilateral Order (8/00)	Remedial Action complete	11/28/06	Stormwater	Completed			Currently insignificant pathway; stormwater pipe suspected past migration pathway	Low		SCE submitted to EPA (10/04); no comments		Completed FS proposes removal of contaminated off-site soil potentially available for transport to river.	SCM submitted to EPA (10/04). No comments				SCM submitted to EPA (10/04). No comments.		
ACF Industries	794	3.6 W	12160 NW St Helens	Dan Hafley	Unilateral Order (8/00)	Remedial Action complete	11/28/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ACF Industries	794	3.6 W	12160 NW St Helens	Dan Hafley	Unilateral Order (8/00)	Remedial Action complete	11/28/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Mike Romero	PH Agr for RI/SCM (7/01)	RI	12/07/06	Overland Transport/Sheet Flow	Ongoing	Complete final phases of RI	10/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed. (2007)									
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Mike Romero	PH Agr for RI/SCM (7/01)	RI	12/07/06	Bank Erosion	Ongoing	Complete final phases of RI	10/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed. (2007)									
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Mike Romero	PH Agr for RI/SCM (7/01)	RI	12/07/06	Stormwater	N/A	N/A	N/A	Facility dismantled and outfalls removed	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Mike Romero	PH Agr for RI/SCM (7/01)	RI	12/07/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Mike Romero	PH Agr for RI/SCM (7/01)	RI	12/07/06	Groundwater (GW LNAPL -SW Corner)	Ongoing	Complete data collection for SCD design	10/07	LNAPL potentially discharging to river	p High		Waiting on SCE to be completed, 2007									

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												Pathway determination	Pathway priority level	Site priority level											
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Mike Romero	PH Agr for RI/SCM (7/01)	RI	12/07/06	Groundwater (Remaining GW Issues)	Ongoing	Coordinate investigation with Time Oil/Bell Terminal near property boundaries	10/07	GW suspected migration pathway	to be determined		Waiting on SCE to be completed, 2007										
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Mike Romero	PH Agr for RI/SCM (7/01)	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Jefferson Smurfit	2371	3.7 E	9930 N Burgard	Matt McClincy	PH Letter Agr for XPA (12/00)	XPA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Jefferson Smurfit	2371	3.7 E	9930 N Burgard	Matt McClincy	PH Letter Agr for XPA (12/00)	XPA	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Jefferson Smurfit	2371	3.7 E	9930 N Burgard	Matt McClincy	PH Letter Agr for XPA (12/00)	XPA	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 10/2002		No SCM needed								
Jefferson Smurfit	2371	3.7 E	9930 N Burgard	Matt McClincy	PH Letter Agr for XPA (12/00)	XPA	03/06/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 10/2002		No SCM needed								
Jefferson Smurfit	2371	3.7 E	9930 N Burgard	Matt McClincy	PH Letter Agr for XPA (12/00)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Jefferson Smurfit	2371	3.7 E	9930 N Burgard	Matt McClincy	PH Letter Agr for XPA (12/00)	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
RoMar Realty of Oregon	2437	3.7	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	Low	SCE submitted to EPA (3/06); DEQ responds 4/06										
RoMar Realty of Oregon	2437	3.7	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		N/A										
RoMar Realty of Oregon	2437	3.7	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA (3/06); DEQ responds 4/06										
RoMar Realty of Oregon	2437	3.7	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA (3/06); DEQ responds 4/06										
RoMar Realty of Oregon	2437	3.7	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
RoMar Realty of Oregon	2437	3.7	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Tom Gainer	PH Letter Agr for XPA (12/99)	XPA	12/06/06	Overland Transport/Sheet Flow	Ongoing	Visual inspection	Winter 2006	Waiting on SCE to be completed	to be determined	to be determined	Waiting on SCE to be completed; 2006										
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Tom Gainer	PH Letter Agr for XPA (12/99)	XPA	12/06/06	Bank Erosion	Ongoing	Visual inspection	Winter 2006	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed; 2006										
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Tom Gainer	PH Letter Agr for XPA (12/99)	XPA	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		Waiting on SCE to be completed; 2006										
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Tom Gainer	PH Letter Agr for XPA (12/99)	XPA	12/06/06	Stormwater	Ongoing	Initiate stormwater evaluation	Winter 2006	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed; 2006										
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Tom Gainer	PH Letter Agr for XPA (12/99)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Tom Gainer	PH Letter Agr for XPA (12/99)	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)										
Site information					Project status																				
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements	
												Pathway determination	Pathway priority level	Site priority level											
Georgia Pacific Linnton	2370	3.9 W	12222 NW Marina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed in 2000 and did not provide comments		No SCM needed								
Georgia Pacific Linnton	2370	3.9 W	12222 NW Marina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Bank Erosion	N/A	N/A	N/A	none	N/A		N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Georgia Pacific Linnton	2370	3.9 W	12222 NW Marina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Groundwater	Completed				Low		EPA reviewed in 2000 and did not provide comments	NA	No SCM needed	NA	NA	NA	NA	NA	NA	N/A	
Georgia Pacific Linnton	2370	3.9 W	12222 NW Marina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Stormwater	N/A	N/A	N/A	none	N/A		N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Georgia Pacific Linnton	2370	3.9 W	12222 NW Marina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Georgia Pacific Linnton	2370	3.9 W	12222 NW Marina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
NW Pipe	138	3.9 E	12005 N Burgard	Mike Romero	PH Agr for RI/SCM (2/05)	RI	12/07/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
NW Pipe	138	3.9 E	12005 N Burgard	Mike Romero	PH Agr for RI/SCM (2/05)	RI	12/07/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
NW Pipe	138	3.9 E	12005 N Burgard	Mike Romero	PH Agr for RI/SCM (2/05)	RI	12/07/06	Groundwater	Ongoing	DEQ to complete review of SCE report prepared by RP	Jan-07	GW suspected migration pathway	to be determined		Waiting on SCE to be completed 2007										
NW Pipe	138	3.9 E	12005 N Burgard	Mike Romero	PH Agr for RI/SCM (2/05)	RI	12/07/06	Stormwater	Ongoing	DEQ to complete review of SCE report prepared by RP, conduct additional stormwater evaluation	2007, No current schedule for additional SW	SW suspected migration pathway	to be determined		Waiting on SCE to be completed 2007										
NW Pipe	138	3.9 E	12005 N Burgard	Mike Romero	PH Agr for RI/SCM (2/05)	RI	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
NW Pipe	138	3.9 E	12005 N Burgard	Mike Romero	PH Agr for RI/SCM (2/05)	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Linnton Oil Fire Training Grounds	1189	4	NW Marina Way	Tom Gainer	IGA	NFA	03/02/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	Low	Complete										
Linnton Oil Fire Training Grounds	1189	4	NW Marina Way	Tom Gainer	IGA	NFA	03/02/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		Complete										
Linnton Oil Fire Training Grounds	1189	4	NW Marina Way	Tom Gainer	IGA	NFA	03/02/06	Groundwater	Completed			Currently no complete pathway; groundwater monitoring to confirm plume stability	Low		Complete									Annual groundwater monitoring (conditional NFA)	
Linnton Oil Fire Training Grounds	1189	4	NW Marina Way	Tom Gainer	IGA	NFA	03/02/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		Complete										
Linnton Oil Fire Training Grounds	1189	4	NW Marina Way	Tom Gainer	IGA	N/A	03/02/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills will be reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Linnton Oil Fire Training Grounds	1189	4	NW Marina Way	Tom Gainer	IGA	N/A	03/02/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Schnitzer Burgard	2355	4.1 E	12005 N Burgard	Mike Romero	PH Agr for RI/CSM (3/00)	RI	12/07/06	Overland Transport/Sheet Flow	Not Started	To be determined	10/07	Waiting on SCE to be completed	to be determined	to be determined	Waiting on SCE to be completed		Likely dock engineering improvements to capture sheet flow stormwater								
Schnitzer Burgard	2355	4.1 E	12005 N Burgard	Mike Romero	PH Agr for RI/CSM (3/00)	RI	12/07/06	Bank Erosion	Ongoing	Additional sampling needed	10/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed										
Schnitzer Burgard	2355	4.1 E	12005 N Burgard	Mike Romero	PH Agr for RI/CSM (3/00)	RI	12/07/06	Groundwater	Ongoing	ongoing monitoring	10/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed										

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)						Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)											
Site information					Project status																				
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements	
												Pathway determination	Pathway priority level	Site priority level											
Schnitzer Burgard	2355	4.1 E	12005 N Burgard	Mike Romero	PH Agr for RI/CSM (3/00)	RI	12/07/06	Stormwater	Ongoing	ongoing monitoring - engineering improvements have been built but additional monitoring needed	1/08	Waiting on SCE to be completed	to be determined	determined	Waiting on SCE to be completed		RP developing & implementing BMPs for stormwater. Others yet to be determined								
Schnitzer Burgard	2355	4.1 E	12005 N Burgard	Mike Romero	PH Agr for RI/CSM (3/00)	RI	12/07/06	Overwater Activities	Not Started	To be determined	10/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed										
Schnitzer Burgard	2355	4.1 E	12005 N Burgard	Mike Romero	PH Agr for RI/CSM (3/00)	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kinder Morgan (Aka GATX)	1096	4.2 W	11400 NW St Helens	Mike Romero	PH Agr for RI/SCM (6/00)	RI	12/07/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kinder Morgan (Aka GATX)	1096	4.2 W	11400 NW St Helens	Mike Romero	PH Agr for Ri/SCM (6/00)	RI	12/07/06	Bank Erosion	Ongoing	To be determined	2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be complete										
Kinder Morgan (Aka GATX)	1096	4.2 W	11400 NW St Helens	Mike Romero	PH Agr for RI/SCM (6/00)	RI	12/07/06	Groundwater	Ongoing	Complete nature & extent in RI; RP will conduct IRAM effectiveness evaluation	3/07	LNAPL seeps on shoreline and dissolve petroleum likely discharging to river	p High		Waiting on SCE to be complete		Interim LNAPL removal and groundwater pump and treat system in operation								
Kinder Morgan (Aka GATX)	1096	4.2 W	11400 NW St Helens	Mike Romero	PH Agr for Ri/SCM (6/00)	RI	12/07/06	Stormwater	Ongoing	Catch basin sampling & stormwater sampling	10/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be complete										
Kinder Morgan (Aka GATX)	1096	4.2 W	11400 NW St Helens	Mike Romero	PH Agr for Ri/SCM (6/00)	RI	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kinder Morgan (Aka GATX)	1096	4.2 W	11400 NW St Helens	Mike Romero	PH Agr for Ri/SCM (6/00)	RI	12/07/06	Other	Ongoing	GW treatment system & oil/water separator on NPDES - Evaluate existing data set	10/07	Waiting on SCE to be completed	p Low		Waiting on SCE to be complete										
Terminal 4 Slip 1	2356	4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Terminal 4 Slip 1	2356	4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	12/06/06	Bank Erosion	Pending EPA Review	SCM necessary; coordinate with T4 Early Action	SOW currently being implemented.	Pathway is complete	p High		Waiting on SCE to be completed	Bank cap design review by 1st qtr. 2007									
Terminal 4 Slip 1	2356	4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	12/06/06	Groundwater	Ongoing	RI data review	Spring 2007	Preliminary determination that pathway is insignificant	p Low		Waiting on SCE to be completed										
Terminal 4 Slip 1	2356	4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	12/06/06	Stormwater	Ongoing	Evaluation report submitted 6/06	SOW under development, Summer 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed										
Terminal 4 Slip 1	2356	4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	03/06/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Terminal 4 Slip 1	2356	4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Linnton Plywood	2373	4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	XPA completed	03/13/06	Overland Transport/Sheet Flow	Completed			SCM addressed this potentially complete pathway	Low	Low	EPA reviewed and commented		Independent removal of two small upland source areas and offsite disposal in 2002 and 2003	Received review 8/29/03				Received review 8/29/03			
Linnton Plywood	2373	4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	XPA completed	03/13/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented		No SCM needed	Received review 8/29/03				Received review 8/29/03			
Linnton Plywood	2373	4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	XPA completed	03/13/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented		No SCM needed	Received review 8/29/03				Received review 8/29/03			
Linnton Plywood	2373	4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	XPA completed	03/13/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented		Ongoing Stormwater BMPs and monitoring	Received review 8/29/03				Received review 8/29/03			

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												Pathway determination	Pathway priority level	Site priority level										
Linnton Plywood	2373	4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	XPA completed	03/13/06	Overwater Activities	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented		No SCM needed	Received review 8/29/03				Received review 8/29/03		
Linnton Plywood	2373	4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	XPA completed	03/13/06	Other	N/A	N/A	N/A	N/A	none			N/A		N/A				N/A		
Terminal 4 Slip 3	272	4.6 E	10400 Lombard	Tom Roick	Judgment for RD/RA (4/04)	RD/RA	12/01/06	Overland Transport/Sheet Flow	N/A	N/A - see Bank Erosion and Stormwater pathways	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Terminal 4 Slip 3	272	4.6 E	10400 Lombard	Tom Roick	Judgment for RD/RA (4/04)	RD/RA	12/01/06	Bank Erosion	Ongoing	Pencil pitch investigation at the "River Bank Area" and "Slip Bank Area"	Pencil Pitch Report submitted 5/06, additional work required TBD	Pencil pitch observed and PAHs detected in river bank soils above PECs	p Low		Waiting on SCE to be completed									
Terminal 4 Slip 3	272	4.6 E	10400 Lombard	Tom Roick	Judgment for RD/RA (4/04)	RD/RA	12/01/06	Groundwater	Completed			Complete pathway - remedy recommended and implemented	p High		EPA reviewed and commented, 2/2003	Bank excavation and backfill remedial action, NAPL recovery, monitoring	EPA reviewed and commented, 2/2003	Bank excavation and backfill remedial action (BEBRA) 11/04	2,700 cubic yards of contaminated soil removed; 30.2 gallons NAPL recovered to date	NAPL recovery and monitoring ongoing				
Terminal 4 Slip 3	272	4.6 E	10400 Lombard	Tom Roick	Judgment for RD/RA (4/04)	RD/RA	12/01/06	Stormwater	Ongoing	Stormwater sampling proposed for 2006/2007	Summer 2007	Complete pathway; BMPs in place	p Med		Waiting on SCE to be completed									
Terminal 4 Slip 3	272	4.6 E	10400 Lombard	Tom Roick	Judgment for RD/RA (4/04)	RD/RA	12/01/06	Overwater Activities	N/A	N/A - Historic releases to be addressed by the in-water T4 Early Action	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Terminal 4 Slip 3	272	4.6 E	10400 Lombard	Tom Roick	Judgment for RD/RA (4/04)	RD/RA	12/01/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
UPRR St Johns Tank Farm	2017	4.6 E	6908 N Roberts	Tom Roick	Pre-PH VCP Letter Agr	NFA	03/07/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UPRR St Johns Tank Farm	2017	4.6 E	6908 N Roberts	Tom Roick	Pre-PH VCP Letter Agr	NFA	03/07/06	Bank Erosion	N/A	N/A	N/A	N/A	none	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
UPRR St Johns Tank Farm	2017	4.6 E	6908 N Roberts	Tom Roick	Pre-PH VCP Letter Agr	NFA	03/07/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	SCE submitted to EPA April 2004, no comments received			No SCM needed					SCM submitted to EPA April 2004, no comments received		
UPRR St Johns Tank Farm	2017	4.6 E	6908 N Roberts	Tom Roick	Pre-PH VCP Letter Agr	NFA	03/07/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low	SCE submitted to EPA April 2004, no comments received			No SCM needed							
UPRR St Johns Tank Farm	2017	4.6 E	6908 N Roberts	Tom Roick	Pre-PH VCP Letter Agr	NFA	03/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
UPRR St Johns Tank Farm	2017	4.6 E	6908 N Roberts	Tom Roick	Pre-PH VCP Letter Agr	NFA	03/07/06	Other	N/A	N/A	N/A	N/A	none	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Port of Portland Auto Storage Area (ASA)	2642	5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	Low		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Auto Storage Area (ASA)	2642	5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 6/04		No SCM needed							
Port of Portland Auto Storage Area (ASA)	2642	5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 6/04		No SCM needed							
Port of Portland Auto Storage Area (ASA)	2642	5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 6/04		No SCM needed							
Port of Portland Auto Storage Area (ASA)	2642	5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Port of Portland Auto Storage Area (ASA)	2642	5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Table 1: DEQ Milestone Report
Controlling Confirmed or Suspected Upland Sources of Contamination to Portland Harbor

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
Exxon Mobil	137	5.1 W	9420 NW St Helens	Mike Romero	VCP Agr for Remedial Action (5/02)	RD/RA	06/12/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exxon Mobil	137	5.1 W	9420 NW St Helens	Mike Romero	VCP Agr for Remedial Action (5/02)	RD/RA	06/12/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exxon Mobil	137	5.1 W	9420 NW St Helens	Mike Romero	VCP Agr for Remedial Action (5/02)	RD/RA	06/12/06	Groundwater	Completed			Groundwater is a complete pathway	High		DEQ issued a ROD in 1997 requiring groundwater treatment	DEQ issued a ROD in 1997 requiring groundwater treatment	Operating air sparge & SVE system. Expansion of air sparge system (1/2005) - RP has 1 yr. to demonstrate protectiveness.	Possibility only if remedy is shown not to be protective and altenative remedial action is proposed	Operating air sparge & SVE system. Expansion of air sparge system (1/2005) - RP has 1 yr. to demonstrate protectiveness.				Sytem inspection , ope rtion, and effectiveness monitoring ongoing	
Exxon Mobil	137	5.1 W	9420 NW St Helens	Mike Romero	VCP Agr for Remedial Action (5/02)	RD/RA	12/12/06	Stormwater	Not Started	DEQ negotiating with current facility owner Valero to enter Portland Harbor Cleanup Agreement	No current schedule.	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed. 2006									
Exxon Mobil	137	5.1 W	9420 NW St Helens	Mike Romero	VCP Agr for Remedial Action (5/02)	RD/RA	06/12/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exxon Mobil	137	5.1 W	9420 NW St Helens	Mike Romero	VCP Agr for Remedial Action (5/02)	RD/RA	06/12/06	Other - current NPDES permitted discharge	Not Started	To be determined	No current schedule	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
Ollympic Pipeline Portland Facility within ExxonMobil	3342	5.2W	9420 NW St Helens	Mike Romero	ICP	XPA	06/12/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ollympic Pipeline Portland Facility within ExxonMobil	3342	5.2W	9420 NW St Helens	Mike Romero	ICP	XPA	06/12/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ollympic Pipeline Portland Facility within ExxonMobil	3342	5.2W	9420 NW St Helens	Mike Romero	ICP	XPA	06/12/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		Waiting on SCE completion; 2007		Conducted soil removal following petroleum spill in mid 1990s							
Ollympic Pipeline Portland Facility within ExxonMobil	3342	5.2W	9420 NW St Helens	Mike Romero	ICP	XPA	12/12/06	Stormwater	Ongoing	Dependent upon groundwater conditions	Fall 2007	Waiting on SCE to be completed Fall 2007.	to be determined		Waiting on SCE completion; 2007									
Ollympic Pipeline Portland Facility within ExxonMobil	3342	5.2W	9420 NW St Helens	Mike Romero	ICP	XPA	06/12/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ollympic Pipeline Portland Facility within ExxonMobil	3342	5.2W	9420 NW St Helens	Mike Romero	ICP	XPA	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP Terminal 22T (ARCO)	1528	5.3 W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP Terminal 22T (ARCO)	1528	5.3 W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	03/06/06	Bank Erosion	N/A	No Bank -concrete sea wall	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP Terminal 22T (ARCO)	1528	5.3 W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	12/06/06	Groundwater	Ongoing	Additional investigation and assessment	Fall 2007	Free product & dissolved phase potentially reaching river	p High		Waiting on SCE to be completed	alternatives evaluation completed 7/2004 for on site GW	Hydraulic control and GW pump & treat system	SCD submitted to EPA 6/2004, no comments received	Hydraulic Control system installed 1/2005	700 linear feet of plume controlled at riverbank	Additional sheetpile barrier wall proposed for Summer 2007 installation	ongoing		effectiveness monitoring

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
BP Terminal 22T (ARCO)	1528	5.3 W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	12/06/06	Stormwater	Ongoing	Sampling stormwater system	Summer 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
BP Terminal 22T (ARCO)	1528	5.3 W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	03/06/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP Terminal 22T (ARCO)	1528	5.3 W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar Com Marine (N Parcel)	2350	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	RD/RA	12/07/06	Overland Transport/Sheet Flow	Completed			overland soil transport suspected migration pathway	Medium	Medium	EPA reviewed and commented 2004	alternatives evaluation completed in 2004	removal of 20 cubic yards of sandblast grit and soil; DEQ issues SCD in 5/2004	EPA reviewed and approved 2004	2007		Port of Portland condemning property, Port will conduct soil removal as prescribed in ROD			
Mar Com Marine (N Parcel)	2350	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	RD/RA	12/07/06	Bank Erosion	Not Started	To be determined	No current schedule, 2007	Deferred investigation of beach to Mar Com South Parcel	to be determined		Waiting on SCE to be completed		Deferred investigation of beach to Mar Com South Parcel							
Mar Com Marine (N Parcel)	2350	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	RD/RA	12/07/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 2004		N/A							
Mar Com Marine (N Parcel)	2350	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	RD/RA	12/07/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 2004		N/A							
Mar Com Marine (N Parcel)	2350	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	RD/RA	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar Com Marine (N Parcel)	2350	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	RD/RA	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar Com Marine (N Parcel)	2350	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	RD/RA	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brix Maritime (aka Foss)	2364	5.7 W	9030 NW St Helens	Dana Bayuk	PH Agr for RI/SCM (5/02)	RI	06/12/06	Overland Transport/Sheet Flow	N/A	N/A, releases from USTs, site is entirely paved and/or developed	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brix Maritime (aka Foss)	2364	5.7 W	9030 NW St Helens	Dana Bayuk	PH Agr for RI/SCM (5/02)	RI	06/12/06	Bank Erosion	N/A	N/A, releases from USTs, heavily armored with rip-rap, no significant habitat	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brix Maritime (aka Foss)	2364	5.7 W	9030 NW St Helens	Dana Bayuk	PH Agr for RI/SCM (5/02)	RI	06/12/06	Groundwater	Ongoing	Continue monitoring; compile available site data for RI and source control evaluation	Fall 2007	Pathway is complete	to be determined		Waiting on SCE to be completed.									
Brix Maritime (aka Foss)	2364	5.7 W	9030 NW St Helens	Dana Bayuk	PH Agr for RI/SCM (5/02)	RI	06/12/06	Stormwater	N/A	N/A, relases from USTs, BMPs have been implemented, City does not require storm water permit	Fall 2007	To be determined	to be determined		Waiting on SCE to be completed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brix Maritime (aka Foss)	2364	5.7 W	9030 NW St Helens	Dana Bayuk	PH Agr for RI/SCM (5/02)	RI	06/12/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills will be reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brix Maritime (aka Foss)	2364	5.7 W	9030 NW St Helens	Dana Bayuk	PH Agr for RI/SCM (5/02)	RI	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	Negotiating PH Agr	RI	12/07/06	Overland Transport/Sheet Flow	Ongoing	Overland flows down concrete shipway and across large unpaved site areas need to be investigated	10/07	Waiting on SCE to be completed	to be determined	to be determined	Waiting on SCE to be completed in 2007									
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	Negotiating PH Agr	RI	12/07/06	Bank Erosion	Ongoing	Investigation must include North Parcel bank and beach	No current schedule, 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed in 2007									
Mar Com (S Parcel)	2350	5.8 E	8790 N Burgard	Mike Romero	Negotiating PH Agr	RI	12/07/06	Groundwater	Ongoing	Need to determine N&E in RI	10/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed in 2007									
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	Negotiating PH Agr	RI	12/07/06	Stormwater	Ongoing	Need to determine N&E in RI	10/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed in 2007									

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)										
Site information					Project status																				
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements	
												Pathway determination	Pathway priority level	Site priority level											
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	Negotiating PH Agr	RI	12/07/06	Overwater Activities	Ongoing	Need to complete N&E in RI; no current overwater activities only historic	2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed in 2007		Floating dry dock sold in 2004, and removed from site								
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	Negotiating PH Agr	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Marine Finance	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	RD/RA	03/03/06	Overland Transport/Sheet Flow	Completed			contaminated over screening criteria in soil potentially susceptible to runoff	Low	Low	SCE submitted to EPA 9/30/04. No comments received.	alternatives evaluation completed 2004	Dig and haul soil contamination; capping with clean fill and/or building	SCM submitted to EPA 9/2004, no comments received	Soil removed 08/05; selected site areas capped with building and/or clean fill	1,150 cubic yards of soil removed (estimated); report pending	complete, report pending	11/05	SCM completion report pending; spring 2007	Instituional control for cap and building will be required.	
Marine Finance	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	RD/RA	03/03/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA 9/30/04. No comments received.	alternatives evaluation completed 2004	No SCM needed								
Marine Finance	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	RD/RA	03/03/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA 9/30/04. No comments received.	alternatives evaluation completed 2004	No SCM needed								
Marine Finance	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	RD/RA	03/03/06	Stormwater	Ongoing	Quarterly Storm water sampling beginning 6/06	Feb 2007	Based on two storm water sampling events this is an Insignificant pathway; One more round to be completed	Low		N/A		N/A				Storm drain system was installed in May 2006; 2 storm water sampling events complete. 1 more pending.		SCD to be submitted in spring/winter 2007.		
Marine Finance	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	RD/RA	03/03/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Marine Finance	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	RD/RA	03/03/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
US Moorings	1641	6.2	8010 NW St. Helens Rd.	EPA lead; Kristine Koch	Negotiating Federal Facilities Agreement	Negotiating Federal Facilities Agreement	12/12/06	Overland Transport/Sheet Flow	N/A		No current schedule.	Waiting on SCE to be completed	to be determined		to be determined	NA									
US Moorings	1641	6.2	8010 NW St. Helens Rd.	EPA lead; Kristine Koch	Negotiating Federal Facilities Agreement	Negotiating Federal Facilities Agreement	12/12/16	Bank Erosion	Not Started		No current schedule.	Waiting on SCE to be completed	to be determined	NA											
US Moorings	1641	6.2	8010 NW St. Helens Rd.	EPA lead; Kristine Koch	Negotiating Federal Facilities Agreement	Negotiating Federal Facilities Agreement	12/12/06	Groundwater	Not Started		No current schedule.	Waiting on SCE to be completed	to be determined	NA											
US Moorings	1641	6.2	8010 NW St. Helens Rd.	EPA lead; Kristine Koch	Negotiating Federal Facilities Agreement	Negotiating Federal Facilities Agreement	12/12/06	Stormwater	Not Started		No current schedule.	Waiting on SCE to be completed	to be determined	NA											
US Moorings	1641	6.2	8010 NW St. Helens Rd.	EPA lead; Kristine Koch	Negotiating Federal Facilities Agreement	Negotiating Federal Facilities Agreement	12/12/06	Overwater Activities	Not Started		No current schedule.	Waiting on SCE to be completed	to be determined	NA											
US Moorings	1641	6.2	8010 NW St. Helens Rd.	EPA lead; Kristine Koch	Negotiating Federal Facilities Agreement	Negotiating Federal Facilities Agreement	12/12/06	Other	Not Started		No current schedule.	Waiting on SCE to be completed	to be determined	N/A											
Crawford Street Corp	2363	6.3 E	84248 N Crawford	Tom Gainer	PH Letter Agr for XPA (11/99)	XPA	06/12/06	Overland Transport/Sheet Flow	Ongoing	See Stormwater Pathway	Summer 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE completion										
Crawford Street Corp	2363	6.3 E	84248 N Crawford	Tom Gainer	PH Letter Agr for XPA (11/99)	XPA	12/06/06	Bank Erosion	Ongoing	To be determined	No current schedule	Waiting on SCE to be completed	to be determined		To be determined		RP removed black sand from beach and bank in 10/01. Residual contamination exists on beach. Bank was replaced with clean fill.								

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												Pathway determination	Pathway priority level	Site priority level										
Crawford Street Corp	2363	6.3 E	84248 N Crawford	Tom Gainer	PH Letter Agr for XPA (11/99)	XPA	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	to be determined	Waiting on SCE completion									
Crawford Street Corp	2363	6.3 E	84248 N Crawford	Tom Gainer	PH Letter Agr for XPA (11/99)	XPA	12/06/06	Stormwater	Ongoing	Storm water sampling per JSCS	Summer 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE completion									
Crawford Street Corp	2363	6.3 E	84248 N Crawford	Tom Gainer	PH Letter Agr for XPA (11/99)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crawford Street Corp	2363	6.3 E	84248 N Crawford	Tom Gainer	PH Letter Agr for XPA (11/99)	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gasco (NW Natural)	84	6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94)	RI	12/19/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gasco (NW Natural)	84	6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94)	RI	12/19/06	Bank Erosion	Ongoing	Coordinate Bank Source Control with anticipated in-water action	TBD, pending DEQ's review	Pathway is complete	p High		Waiting on SCE to be completed.									
Gasco (NW Natural)	84	6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94)	RI	12/19/06	Groundwater	Completed			Pathway is complete	High		Waiting on SCE to be completed.	Field Pilot 2006/Source Control Alternatives Evaluation March 2007								
Gasco (NW Natural)	84	6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94)	RI	12/19/06	Stormwater	Ongoing	Conduct catch basin sediment sampling/screening for site COI plus PCBs & phthalates, & follow-up stormwater monitoring per JSCS	Winter 2007	Pathway is complete	to be determined		Waiting on SCE to be completed.									
Gasco (NW Natural)	84	6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94)	RI	12/19/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gasco (NW Natural)	84	6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94)	RI	12/19/06	Other NPDES Permit	Ongoing	Review draft permit standards	Winter 2007	Pathway is complete	to be determined		Waiting on SCE to be completed.									
Gasco (Silttronic Operable Unit).	183	6.6 W	7700 NW Front	Dana Bayuk	Joint Order NW Natural and Wacker Silttronic (10/00)	RI	12/19/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gasco (Silttronic Operable Unit).	183	6.6 W	7700 NW Front	Dana Bayuk	Joint Order NW Natural and Wacker Silttronic (10/00)	RI	12/19/06	Bank Erosion	Ongoing	RI proposal submitted 11/06 to further characterize MGP waste in uplands	TBD, pending DEQ's review of RI Proposal	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed									
Gasco (Silttronic Operable Unit).	183	6.6 W	7700 NW Front	Dana Bayuk	Joint Order NW Natural and Wacker Silttronic (10/00)	RI	12/19/06	Groundwater	Completed			Pathway is complete	High		Waiting on SCM alternatives evaluation to be completed, 2007	Field Pilot, shoreline drilling/sampling, upalnds RI to inform Source Control Alternatives Evaluation								
Gasco (Silttronic Operable Unit).	183	6.6 W	7700 NW Front	Dana Bayuk	Joint Order NW Natural and Wacker Silttronic (10/00)	RI	12/19/06	Stormwater	Ongoing	Complete stormwater system evaluation, conduct sediemnt sampling/screening for site COI plus PCBs & phthalates, & follow-up stormwater monitoring per JSCS	Fall 2007	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed, 2006									
Gasco (Silttronic Operable Unit).	183	6.6 W	7700 NW Front	Dana Bayuk	Joint Order NW Natural and Wacker Silttronic (10/00)	RI	12/19/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gasco (Silttronic Operable Unit).	183	6.6 W	7700 NW Front	Dana Bayuk	Joint Order NW Natural and Wacker Silttronic (10/00)	RI	12/19/06	Other -Doane Creek	Ongoing	Further investigate COI contributions to Doane Crk/OF-22C during RI	TBD, pending DEQ's review of RI Proposal	Pathway is complete	p Med		Waiting on SCE to be completed									

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)										
Site information					Project status																				
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements	
												Pathway determination	Pathway priority level	Site priority level											
Gasco (Siltronic Operable Unit).	183	6.6 W	7700 NW Front	Dana Bayuk	Joint Order issued to NW Natural and Wacker Siltronic (10/00)	RI	12/19/06	Other- NPDES permit	Completed	Review & update NPDES permit as needed	Winter 2007	Pathway is complete	Low		Waiting on SCE to be completed, 2007										
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04)	RI	12/19/06	Overland Transport/Sheet Flow	N/A	N/A, subsurface releases from UST system	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04)	RI	12/19/06	Bank Erosion	N/A	N/A, subsurface releases from UST system	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04)	RI	12/19/06	Groundwater	Ongoing	Complete uplands RI (projected Spring 2007) and source control evaluation	Fall 2007	Pathway is complete	p High		Waiting on SCE to be completed	Final SCMs TBD, SCM pilot study (enhanced bioremediation) is ongoing									
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04)	RI	12/19/06	Stormwater	Ongoing	Complete stormwater system evalaution, conduct sedimentsampling/screening for site COI plus PCBs & phthalates, & follow-up stormwater monitoring per JSCS	Fall 2007	Contaminated river sediments near northern facility outfall (Area 2)	to be determined		Waiting on SCE to be completed										
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04)	RI	12/19/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04)	RI	12/19/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Kevin Parrett	PH Agr for RI/SCM (11/00)	RI	12/18/16	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	to be determined	Waiting on SCE to be completed, 2006										
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Kevin Parrett	PH Agr for RI/SCM (11/00)	RI	12/18/16	Bank Erosion	Ongoing	Complete second round of bank sampling	June 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed, 2006										
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Kevin Parrett	PH Agr for RI/SCM (11/00)	RI	12/18/16	Groundwater	Ongoing	Continue groundwater monitoring	December 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed, 2006										
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Kevin Parrett	PH Agr for RI/SCM (11/00)	RI	12/18/16	Stormwater	N/A		NA	No site-related stormwater outfalls	none		NA										
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Kevin Parrett	PH Agr for RI/SCM (11/00)	RI	12/18/16	Overwater Activities	N/A	N/A	N/A	No current source; likely historic sources	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Kevin Parrett	PH Agr for RI/SCM (11/00)	RI	12/18/16	Other - in river (beach area removal)	Completed			Suspected migration pathway	Medium		EPA reviewed and commented	alternatives evaluation completed 2004	Source removal completed in river 10/2004	deferred to in-water RI							
Rhone Poulenc	155	6.9 W	6200 NW St Helens	Tom Roick	Pre-PH Order for RI (1999)	RI	12/01/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Rhone Poulenc	155	6.9 W	6200 NW St Helens	Tom Roick	Pre-PH Order for RI (1999)	RI	12/01/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Rhone Poulenc	155	6.9 W	6200 NW St Helens	Tom Roick	Pre-PH Order for RI (1999)	RI	12/01/06	Groundwater (plume discharge to river)	Ongoing	Arkema shoreline wells; Siltronic wells; SCE Report and Alternatives Analysis	Interim measures planned Fall '07; SCE Report Winter '08	Pathway is complete	p High		Waiting on SCE to be completed	schedule for completing draft evaluation report: Winter '08									
Rhone Poulenc	155	6.9 W	6200 NW St Helens	Tom Roick	Pre-PH Order for RI (1999)	RI	12/01/06	Groundwater (plume discharge to City Outfall 22B)	Completed			Pathway is complete	High		Waiting on SCE to be completed	Interim measures identified	Interim SCMs Fall '07 for stormwater line to prevent gw infiltration								
Rhone Poulenc	155	6.9 W	6200 NW St Helens	Tom Roick	Pre-PH Order for RI (1999)	RI	12/01/06	Stormwater	Ongoing	City Outfall 22B & 22C storm drain evaluations	Pending GW SCM for 22B	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed	schedule for completing draft evaluation report: Winter '08									
Rhone Poulenc	155	6.9 W	6200 NW St Helens	Tom Roick	Pre-PH Order for RI (1999)	RI	12/01/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Rhone Poulenc	155	6.9 W	6200 NW St Helens	Tom Roick	Pre-PH Order for RI (1999)	RI	12/01/06	Other - historical drainage ditch	Ongoing	Complete remedial investigation	Part of SCE Winter '08	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed										

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Confirmed or suspected Sources of contamination to the river					Source Control Evaluation (SCE)										Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)												
Site information					Project status																						
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements			
												Pathway determination	Pathway priority level	Site priority level													
Rhone Poulenc	155	6.9 W	6200 NW St Helens	Tom Roick	Pre-PH Order for RI (1999)	RI	12/01/06	Other - current NPDES permitted discharge	Ongoing	Data collection for PH COI	Part of SCE Winter '08	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed.												
McCormick & Baxter	74	7	6900 N Edgewater Street	Kevin Parrett	Superfund agreement with EPA	remedy implemented	03/09/06	Overland Transport/Sheet Flow	Completed			Pathway is complete	High	High	Complete		contaminated soil removal, sheet-pile barrier wall, sediment cap, riparian soil cap, upland soil cap, creosote extraction	all SCMs have been implemented	6,000 gallons of creosote recovered from groundwater, 33,000 tons of contaminated soil and debris removed, 23 acres of contaminated sediment capped, 6 acres of contaminated bank soil capped, 35 acres of contaminated upland soil capped			EPA reviewed and commented.	periodic inspection and maintenance, effectiveness monitoring, site use restrictions				
McCormick & Baxter	74	7	6900 N Edgewater Street	Kevin Parrett	Superfund agreement with EPA	remedy implemented	03/09/06	Bank Erosion	Completed			Pathway is complete	High		Complete						EPA reviewed and commented.						
McCormick & Baxter	74	7	6900 N Edgewater Street	Kevin Parrett	Superfund agreement with EPA	remedy implemented	03/09/06	Groundwater	Completed			Pathway is complete	High		Complete						EPA reviewed and commented.						
McCormick & Baxter	74	7	6900 N Edgewater Street	Kevin Parrett	Superfund agreement with EPA	remedy implemented	03/09/06	Stormwater	Completed			Pathway is complete	High		Complete						EPA reviewed and commented.						
McCormick & Baxter	74	7	6900 N Edgewater Street	Kevin Parrett	Superfund agreement with EPA	remedy implemented	03/09/06	Overwater Activities	Completed			Pathway is complete	High		Complete						EPA reviewed and commented.						
McCormick & Baxter	74	7	6900 N Edgewater Street	Kevin Parrett	Superfund agreement with EPA	remedy implemented	03/09/06	Other	N/A			N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
Koppers Inc	2348	7	7540 NW St. Helens Rd.	Matt McClincy	Part of NW Natural Gasco site; see ESCI #84			Overland Transport/Sheet Flow																			
Koppers Inc	2348	7	7540 NW St. Helens Rd.	Matt McClincy				Bank Erosion																			
Koppers Inc	2348	7	7540 NW St. Helens Rd.	Matt McClincy				Groundwater																			
Koppers Inc	2348	7	7540 NW St. Helens Rd.	Matt McClincy				Stormwater																			
Koppers Inc	2348	7	7540 NW St. Helens Rd.	Matt McClincy				Overwater Activities																			
Koppers Inc	2348	7	7540 NW St. Helens Rd.	Matt McClincy				Other																			
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	RI	12/12/06	Groundwater (Chlorobenzene/DDT Plume)	Ongoing	Source control evaluation in preparation	First Quarter 2007	Pathway is complete	p High	p High	Waiting on SCE completion	Preparation of focused feasibility study (ffs) for proposed hydraulic containment wall/system in progress - draft schedule for complete ffs is Oct 07.	Final SCM TBD Interim SCM AS/SVE system in-situ chemical oxidation - System shut down June 2006	EPA reviwed and commented on interim SCM (April 2005) - Expect submittal of DNAPL Isolation FFS to EPA August 2006	Interim SCMs include AS/SVE system, initiated in-situ chem-ox treatment								
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	RI	12/012/06	Groundwater (Hexavalent Chromium Plume)	Ongoing	Source control evaluation in preparation	First Quarter 2007	Pathway is complete	p High		Waiting on SCE completion	Preparation of focused feasibility study (ffs) for proposed hydraulic containment wall/system in progress - draft schedule for complete ffs is Oct 07.	Final SCM TBD Interim SCM in-situ calcium polysulfide treatment conducted 2005/2006	EPA reviwed and commented on interim SCM (April 2005)	Interim SCMs include in-situ calcium polysulfide treatment								
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	RI	12/12/06	Groundwater (Perchlorate Plume)	Ongoing	Source control evaluation in preparation	First Quarter 2007	Pathway is complete	p High		Waiting on SCE completion	Preparation of focused feasibility study (ffs) for proposed hydraulic containment wall/system in progress - draft schedule for complete ffs is Oct 07.			None								
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	RI	06/12/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	RI	06/12/06	Bank Erosion	Ongoing	define boundaries of contaminated bank material first quarter 2007	Complete SCE for riverbank second quarter 2007	River Bank soil contaminant levels exceed action levels	p High		Anticipate integrating with EPA in-water early action process	schedule for completing draft evaluation report, Sept 2007	Timing of SCM to be coordinated with EPA early action.		None								
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	RI	12/12/06	Stormwater	Ongoing	Additional characterization data to support stormwater alternative analysis to be collected in 2006 to first quarter 2007.	2007	Contaminants in stormwater exceed screening values (AWQC)	p High		EPA review deferred to review of selected SCM	alternatives evaluation in progress, completion expected May 2007	Final SCMs to be determined	Interim SCMs include BMPs, surface soil removals and surface soil caps									
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	RI	06/12/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	RI	06/12/06	Other	N/A	N/A	N/A	N/A	none	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				

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Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
McCall Oil	134	7.4 W	5550 NW Front	Tom Gainer	PH Agr for RI/CSM (3/00)	RI	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
McCall Oil	134	7.4 W	5550 NW Front	Tom Gainer	PH Agr for RI/CSM (3/00)	RI	12/06/06	Bank Erosion	Ongoing	RP is conducting RI to determine if SCMs are needed on the bank	RI to be completed in Summer 2007	Preliminary determination that pathway is insignificant	p Low		Waiting on SCE to be completed.									
McCall Oil	134	7.4 W	5550 NW Front	Tom Gainer	PH Agr for RI/CSM (3/00)	RI	12/06/06	Groundwater	Ongoing	Continue groundwater monitoring to evaluate shoreline concentrations	Summer 2007	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed.									
McCall Oil	134	7.4 W	5550 NW Front	Tom Gainer	PH Agr for RI/CSM (3/00)	RI	12/06/06	Stormwater	Ongoing	Storm water sampling per JSCS	Summer 2007	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed.									
McCall Oil	134	7.4 W	5550 NW Front	Tom Gainer	PH Agr for RI/CSM (3/00)	RI	03/06/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
McCall Oil	134	7.4 W	5550 NW Front	Tom Gainer	PH Agr for RI/CSM (3/00)	RI	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GS Roofing	117	7.5 W	6350 NW Front	Mike Romero	VCP - PH Agr Pending	XPA	12/07/06	Overland Transport/Sheet Flow	Ongoing	XPA complete; RI and SCE to be initiated	SOW under development, 3/07	Waiting on SCE to be completed	to be determined	to be determined	Waiting on SCE to be completed.									
GS Roofing	117	7.5 W	6350 NW Front	Mike Romero	VCP - PH Agr Pending	XPA	12/07/06	Bank Erosion	Ongoing	XPA complete; RI and SCE to be initiated in RI	SOW under development, 3/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
GS Roofing	117	7.5 W	6350 NW Front	Mike Romero	VCP - PH Agr Pending	XPA	12/07/06	Groundwater	Ongoing	XPA complete; RI and SCE to be initiated	SOW under development,3/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
GS Roofing	117	7.5 W	6350 NW Front	Mike Romero	VCP - PH Agr Pending	XPA	12/07/06	Stormwater	Ongoing	XPA complete; RI and SCE to be initiated	SOW under development, 3/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
GS Roofing	117	7.5 W	6350 NW Front	Mike Romero	VCP - PH Agr Pending	XPA	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GS Roofing	117	7.5 W	6350 NW Front	Mike Romero	VCP - PH Agr Pending	XPA	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Triangle Park (N PDX Yard)	277	7.5 E	5828 N Van Houten	Kristine Koch EPA	Federal PPA 2006	RI	12/15/06	Overland Transport/Sheet Flow	Ongoing	Finish Site Characterization	1st qtr. 2007	Contaminated soil entrained in stormwater & sheetflow	Medium	Medium	EPA reviewed & commented on DEQ's 2004 SCD	Waiting for EPA to complete Site Investigation, 2nd Qtr 2007								
Triangle Park (N PDX Yard)	277	7.5 E	5828 N Van Houten	Kristine Koch EPA	Federal PPA 2006	RI	12/15/06	Bank Erosion	Ongoing	Finish Site Characterization	1st qtr. 2007	Contaminated soil entrained in stormwater & sheetflow	Medium		EPA reviewed & commented on DEQ's 2004 SCD	Waiting for EPA to complete Site Investigation, 2nd Qtr 2007								
Triangle Park (N PDX Yard)	277	7.5 E	5828 N Van Houten	Kristine Koch EPA	Federal PPA 2006	RI	12/15/06	Groundwater	Ongoing	Finish Site Characterization	1st qtr. 2007	Pathway is complete	to be determined		EPA reviewed & commented on DEQ's 2004 SCD	Waiting for EPA to complete Site Investigation, 2nd Qtr 2007								
Triangle Park (N PDX Yard)	277	7.5 E	5828 N Van Houten	Kristine Koch EPA	Federal PPA 2006	RI	12/15/06	Stormwater	Ongoing	Finish Site Characterization	1st qtr. 2007	Contaminated soil entrained in stormwater & sheetflow	Medium		EPA reviewed & commented on DEQ's 2004 SCD	Waiting for EPA to complete Site Investigation, 2nd Qtr 2007								
Triangle Park (N PDX Yard)	277	7.5 E	5828 N Van Houten	Kristine Koch EPA	Federal PPA 2006	RI	12/15/06	Overwater Activities	N/A	Finish Site Characterization	1st qtr. 2007	No current overwater activities	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
Triangle Park (N PDX Yard)	277	7.5 E	5828 N Van Houten	Kristine Koch EPA	Federal PPA 2006	RI	12/15/06	Other - Petroleum pipeline enters at south end of site from beneath the river	Ongoing	Finish Site Characterization	1st qtr. 2007	Insignificant pathway; no actions recommended	Low		EPA reviewed & commented on DEQ's 2004 SCD	Waiting for EPA to complete Site Investigation, 2nd Qtr 2007								
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA issued groundwater NFA based upon risk assessment	No SCM needed						EPA lead		
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Groundwater/City Storm Sewer	Ongoing	TBD, storm sewer appears to be preferential pathway for contaminant migration	to be determined	Pathway is complete	p High		EPA lead									
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Stormwater	Completed			Historically pathway existed. Current discharge insignificant pathway; no actions recommended	Low		EPA lead	1) Contaminated soil removal and containment (landfill); 2) Sediment removal; 3) RCRA waste containment; 4) Removed waste pond 5) O&M ongoing						EPA lead		
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Other - Historic and Current NPDES permit	Completed			Historically pathway existed. Current discharge insignificant pathway; no actions recommended	Low		EPA lead	Removed waste pond (East Doane Lake); O&M ongoing						EPA lead		
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	FS	12/15/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	High	Submitted to EPA fall 2004; no comments	No SCM needed						N/A		
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	FS	12/15/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		Submitted to EPA fall 2004; no comments	No SCM needed						N/A		
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	FS	12/15/06	Groundwater	Completed			GW suspected migration pathway	High		Submitted to EPA fall 2004; no comments	no alternatives evaluation needed	Product recovery & hydraulic containment (sheet pile wall)	Proposed SCM submitted to EPA fall 2004; no comments	hydraulic containment and treatment		containment system installed 2006		Operation and Maintenance requirements	
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	FS	12/15/06	Stormwater	Ongoing	Conduct stormwater characterization	2nd Quarter 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	FS	12/15/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operation and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	FS	12/15/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chevron Asphalt	1281	8.0 W	5501 NW Front	Mark Pugh	PH Letter Agr for XPA (1/03)	XPA	06/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A		p Med	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chevron Asphalt	1281	8.0 W	5501 NW Front	Mark Pugh	PH Letter Agr for XPA (1/03)	XPA	06/06/06	Bank Erosion	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chevron Asphalt	1281	8.0 W	5501 NW Front	Mark Pugh	PH Letter Agr for XPA (1/03), new agreement being negotiated	XPA	06/06/06	Groundwater	Ongoing	XPA fieldwork complete; DEQ provided comments for source control screening; SCE report pending	spring 2007	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed.			Waiting on SCE to be completed.						
Chevron Asphalt	1281	8.0 W	5501 NW Front	Mark Pugh	PH Letter Agr for XPA (1/03), new agreement being negotiated	XPA	06/06/06	Stormwater	Ongoing	XPA fieldwork complete; DEQ provided comments for source control screening; SCE report pending	spring 2007	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed.			Waiting on SCE to be completed.						
Chevron Asphalt	1281	8.0 W	5501 NW Front	Mark Pugh	PH Letter Agr for XPA (1/03)	XPA	06/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chevron Asphalt	1281	8.0 W	5501 NW Front	Mark Pugh	PH Letter Agr for XPA (1/03)	XPA	06/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front Ave LP	1239	8.1 W	4950, 5034 & 5200 NW Front	Mike Romero	VCP Letter Agr for PA (1/02)	RI	12/07/06	Overland Transport/Sheet Flow	Ongoing	Conducting XPA	2007	Waiting on SCE to be completed	to be determined	to be determined	Waiting on SCE to be completed.									
Front Ave LP	1239	8.1 W	4950, 5034 & 5200 NW Front	Mike Romero	VCP Letter Agr for PA (1/02)	RI	12/07/06	Bank Erosion	Ongoing	Conducting XPA	2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
Front Ave LP	1239	8.1 W	4950, 5034 & 5200 NW Front	Mike Romero	VCP Letter Agr for PA (1/02)	RI	12/07/06	Groundwater	Ongoing	Conducting XPA	2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
Front Ave LP	1239	8.1 W	4950, 5034 & 5200 NW Front	Mike Romero	VCP Letter Agr for PA (1/02)	RI	12/07/06	Stormwater	Ongoing	Conducting XPA, additional sampling needed	2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
Front Ave LP	1239	8.1 W	4950, 5034 & 5200 NW Front	Mike Romero	VCP Letter Agr for PA (1/02)	RI	12/07/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front Ave LP	1239	8.1 W	4950, 5034 & 5200 NW Front	Mike Romero	VCP Letter Agr for PA (1/02)	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Glacier Northwest Inc.	2378		5034 NW Front Ave	Mike Romero	Part of Front Ave LP site, see ESCI #1239			Overland Transport/Sheet Flow						to be determined										
Glacier Northwest Inc.	2378		5034 NW Front Ave	Mike Romero				Bank Erosion																
Glacier Northwest Inc.	2378		5034 NW Front Ave	Mike Romero				Groundwater																
Glacier Northwest Inc.	2378		5034 NW Front Ave	Mike Romero				Stormwater																
Glacier Northwest Inc.	2378		5034 NW Front Ave	Mike Romero				Overwater Activities																
Glacier Northwest Inc.	2378		5034 NW Front Ave	Mike Romero				Other																
USCG	1338	8.2 E	6767 N Basin Ave.	Tom Gainer	VCP Letter Agr (2/04)	RI	03/06/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	to be determined	Waiting on SCE to be completed. Winter 2006									
USCG	1338	8.2 E	6767 N Basin Ave.	Tom Gainer	VCP Letter Agr (2/04)	RI	03/06/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		Waiting on SCE to be completed. Winter 2006									
USCG	1338	8.2 E	6767 N Basin Ave.	Tom Gainer	VCP Letter Agr (2/04)	RI	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		Waiting on SCE to be completed. Winter 2006									

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)										
Site information					Project status																				
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements	
												Pathway determination	Pathway priority level	Site priority level											
USCG	1338	8.2 E	6767 N Basin Ave.	Tom Gainer	VCP Letter Agr (2/04)	RI	12/06/06	Stormwater	Ongoing	Sampling stormwater system	1st qtr. 2007	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed. Winter 2006										
USCG	1338	8.2 E	6767 N Basin Ave.	Tom Gainer	VCP Letter Agr (2/04)	RI	06/12/06	Overwater Activities	Completed			No known current sources (spills will be reported to OERS)	Low		Waiting on SCE to be completed. Winter 2006										
USCG	1338	8.2 E	6767 N Basin Ave.	Tom Gainer	VCP Letter Agr (2/04)	RI	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Fred Devine	2365	8.3 E	6211 N Ensign	Mark Pugh	No Agr	XPA	12/22/06	Overland Transport/Sheet Flow	Not Started	screening	No current schedule.	Insignificant pathway; no actions recommended	Low	p Med	Waiting on SCE completion										
Fred Devine	2365	8.3 E	6211 N Ensign	Mark Pugh	No Agr	XPA	12/22/06	Bank Erosion	Not Started	screening	No current schedule.	Waiting on SCE to be completed	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Fred Devine	2365	8.3 E	6211 N Ensign	Mark Pugh	No Agr	XPA	06/06/06	Groundwater	Not Started	screening	No current schedule.	Waiting on SCE to be completed	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Fred Devine	2365	8.3 E	6211 N Ensign	Mark Pugh	No Agr	XPA	06/06/06	Stormwater	Ongoing	Conduct stormwater screening in '06-'07 water year	complete SCE early 2007	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed.										
Fred Devine	2365	8.3 E	6211 N Ensign	Mark Pugh	No Agr	XPA	06/06/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Fred Devine	2365	8.3 E	6211 N Ensign	Mark Pugh	No Agr	XPA	06/06/06	Other	N/A	N/A	N/A	Waiting on SCE to be completed	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Schnitzer Kittridge	2442	8.3 W	4959 NW Front	Matt McClincy	PH Letter Agr for XPA (9/00)	XPA	03/13/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed and commented 8/2002		No SCM needed								
Schnitzer Kittridge	2442	8.3 W	4959 NW Front	Matt McClincy	PH Letter Agr for XPA (9/00)	XPA	03/13/06	Bank Erosion	N/A			N/A	none		EPA reviewed and commented 8/2002		No SCM needed								
Schnitzer Kittridge	2442	8.3 W	4959 NW Front	Matt McClincy	PH Letter Agr for XPA (9/00)	XPA	03/13/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 8/2002		No SCM needed								
Schnitzer Kittridge	2442	8.3 W	4959 NW Front	Matt McClincy	PH Letter Agr for XPA (9/00)	XPA	03/13/06	Stormwater	Completed			Insignificant pathway; possible historic source	Low		EPA reviewed and commented 8/2002		No SCM needed								
Schnitzer Kittridge	2442	8.3 W	4959 NW Front	Matt McClincy	PH Letter Agr for XPA (9/00)	XPA	03/13/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Schnitzer Kittridge	2442	8.3 W	4959 NW Front	Matt McClincy	PH Letter Agr for XPA (9/00)	XPA	03/13/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Freightliner Truck Plant	2366	8.4 E	6936 N Fathom	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Freightliner Truck Plant	2366	8.4 E	6936 N Fathom	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Freightliner Truck Plant	2366	8.4 E	6936 N Fathom	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Groundwater	Ongoing	determine nature and extent of VOC plume	Investigation complete 2006.	Waiting on SCE/RI report to be completed	to be determined		Waiting on SCE/RI to be completed.										
Freightliner Truck Plant	2366	8.4 E	6936 N Fathom	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Stormwater	Ongoing	SW evaluation needed	Workplan approved 9/06	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.		RP voluntarily applying SW engineering controls on Ensign Street Outfall; coating metal roof; stormwater system sediment cleanout 06' prior to completing screening								

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												Pathway determination	Pathway priority level	Site priority level										
Freightliner Truck Plant	2366	8.4 E	6936 N Fathom	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner Truck Plant	2366	8.4 E	6936 N Fathom	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lakeside Industries	2372	8.4 W	4850 NW Front	No Project Manager Assigned	PH Letter Agr for XPA (3/02)	XPA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lakeside Industries	2372	8.4 W	4850 NW Front	No Project Manager Assigned	PH Letter Agr for XPA (3/02)	XPA	03/06/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		Waiting on SCE completion									
Lakeside Industries	2372	8.4 W	4850 NW Front	No Project Manager Assigned	PH Letter Agr for XPA (3/02)	XPA	03/06/06	Groundwater	Ongoing	DEQ review of SCE data and source control determination	1st qtr. 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE completion		UIC closures in 2003							
Lakeside Industries	2372	8.4 W	4850 NW Front	No Project Manager Assigned	PH Letter Agr for XPA (3/02)	XPA	03/06/06	Stormwater	Ongoing	Initiate stormwater evaluation	to be determined	Waiting on SCE to be completed	to be determined		Waiting on SCE completion		Interim SCM: stormwater UICs closure in 2003							
Lakeside Industries	2372	8.4 W	4850 NW Front	No Project Manager Assigned	PH Letter Agr for XPA (3/02)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lakeside Industries	2372	8.4 W	4850 NW Front	No Project Manager Assigned	PH Letter Agr for XPA (3/02)	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Bank Erosion	Ongoing	RP is conducting RI to determine if SCM is needed	OU1 WP Addendum submitted 11/06)	Waiting on SCE to be completed	p Med	p Med	Waiting on SCE to be completed.									
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Bank Erosion - N Channel Ave Fab Area	Ongoing	RP is conducting RI to determine if SCM is needed	Risk assessment workplan comment response approved (7/06)	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed.									
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Groundwater	Ongoing	RP is conducting RI to determine if SCM is needed; 2005 annual groundwater monitoring report submitted	OU1 WP Addendum submitted 11/06)	Waiting on SCE to be completed (Spring 2007)	p Med		Waiting on SCE to be completed.									
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Groundwater - N Channel Ave Fab Area	Ongoing	Risk assessment workplan approved with comment	Risk assessment workplan comment response approved (7/06)	Waiting on SCE to be completed (Spring 2007)	p Med		Waiting on SCE to be completed. Spring 2006									
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Letter Agreement w/Vigor Industrial (5/06)	RI	11/29/06	Stormwater	Ongoing	SW background report submitted 11/06)		Waiting on SCE to be completed (Spring 2007)	p Med		Waiting on SCE to be completed.									
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Stormwater - N Channel Ave Fab Area	Ongoing	Risk assessment workplan approved with comment	Risk assessment workplan comment response approved (7/06)	Waiting on SCE to be completed (Spring 2007)	p Med		Waiting on SCE to be completed. Spring 2006									
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills will be reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Overwater Activities - N Channel Ave Fab Area	N/A	N/A	N/A	No known current sources (spills will be reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Overland Transport/Sheet Flow	Ongoing	RP is conducting RI to determine if SCM is needed	OU1 WP Addendum submitted 11/06)	Waiting on SCE to be completed (Spring 2007)	p Low		Waiting on SCE to be completed. Spring 2006									
Portland Shipyard	271	8.4 E	Swan Island	Jennifer Sutter	Voluntary Agreement (6/06)	RI	11/29/06	Overland Transport/Sheet Flow - N Channel Ave Fab Area	Ongoing	Risk assessment workplan approved with comment	Risk assessment workplan comment response approved (7/06)	Waiting on SCE to be completed (Spring 2007)	p Med	Waiting on SCE to be completed. Spring 2006										
Shaver Transportation	2377	8.4 W	4900 NW Front	Mark Pugh	PH Letter Agr for XPA (3/01)	NFA	03/03/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 8/2002		No SCM needed							
Shaver Transportation	2377	8.4 W	4900 NW Front	Mark Pugh	PH Letter Agr for XPA (3/01)	NFA	03/03/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 8/2002		No SCM needed							

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Controlling Confirmed or Suspected Upland Sources of Contamination to Portland Harbor

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)										
Site information					Project status																				
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements	
												Pathway determination	Pathway priority level	Site priority level											
Shaver Transportation	2377	8.4 W	4900 NW Front	Mark Pugh	PH Letter Agr for XPA (3/01)	NFA	03/03/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed and commented, 8/2002		No SCM needed								
Shaver Transportation	2377	8.4 W	4900 NW Front	Mark Pugh	PH Letter Agr for XPA (3/01)	NFA	03/03/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 8/2002		No SCM needed								
Shaver Transportation	2377	8.4 W	4900 NW Front	Mark Pugh	PH Letter Agr for XPA (3/01)	NFA	03/03/06	Overwater Activities	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 8/2002		No SCM needed								
Shaver Transportation	2377	8.4 W	4900 NW Front	Mark Pugh	PH Letter Agr for XPA (3/01)	NFA	03/03/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Calbag Metals	2454	8.5 W	4927 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	Medium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Calbag Metals	2454	8.5 W	4927 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Calbag Metals	2454	8.5 W	4927 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Groundwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Calbag Metals	2454	8.5 W	4927 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Stormwater	Completed			Pathway is complete	Medium		EPA reviewed and commented on preliminary SCD, 6/2004	alternatives evaluation completed, submitted to EPA 9/2005	stormwater catch basin in-line cleanout, stormwater BMPs, monitoring	SCM SCD finalized 11/2005, EPA commented	stormwater catch basin in-line cleanout, stormwater BMPs, monitoring		ongoing stormwater monitoring through spring 2006				
Calbag Metals	2454	8.5 W	4927 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Calbag Metals	2454	8.5 W	4927 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Texaco Product Pipeline	2117	8.7	4500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	p Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Texaco Product Pipeline	2117	8.7	4500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Texaco Product Pipeline	2117	8.7	4500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	12/18/06	Groundwater	Ongoing	RP needs to finalize RI and SCE report (RI Report due January 2007)	To be determined after review of RI report	Waiting on SCE to be completed	p Low		Waiting for SCE to be completed.										
Texaco Product Pipeline	2117	8.7	4500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Stormwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Texaco Product Pipeline	2117	8.7	4500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Texaco Product Pipeline	2117	8.7	4500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Container Recovery	4015	8.8W	3900 NW Yeon	Matt McClincy	Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004	03/10/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Container Recovery	4015	8.8W	3900 NW Yeon	Matt McClincy	Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004	03/10/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Container Recovery	4015	8.8W	3900 NW Yeon	Matt McClincy	Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004	03/10/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		Waiting on SCE completion		No SCM needed								
Container Recovery	4015	8.8W	3900 NW Yeon	Matt McClincy	None	conditional NFA 2004	03/10/06	Stormwater	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Container Recovery	4015	8.8W	3900 NW Yeon	Matt McClincy	Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004	03/10/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Container Recovery	4015	8.8W	3900 NW Yeon	Matt McClincy	Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004	03/10/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
PGE Forest Park	2406	8.5	4400 Block Street	Tom Roick	PPA	RI	12/01/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

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Controlling Confirmed or Suspected Upland Sources of Contamination to Portland Harbor

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operation and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
PGE Forest Park	2406	8.5	4400 Block Street	Tom Roick	PPA	RI	12/01/06	Bank Erosion	N/A	N/A	N/A	N/A	none	p Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Forest Park	2406	8.5	4400 Block Street	Tom Roick	PPA	RI	12/01/06	Groundwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Forest Park	2406	8.5	4400 Block Street	Tom Roick	PPA	RI	12/01/06	Stormwater	Ongoing	Storm line investigation 6/06	Schedule for completing SCE ~Summer '07	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed									
PGE Forest Park	2406	8.5	4400 Block Street	Tom Roick	PPA	RI	12/01/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Forest Park	2406	8.5	4400 Block Street	Tom Roick	PPA	RI	12/01/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen Oil	2426	8.9 W	3821 NW St Helens	Tom Gainer	VCP Letter Agr for PA (8/00)	XPA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen Oil	2426	8.9 W	3821 NW St Helens	Tom Gainer	VCP Letter Agr for PA (8/00)	XPA	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen Oil	2426	8.9 W	3821 NW St Helens	Tom Gainer	VCP Letter Agr for PA (8/00)	XPA	03/06/06	Groundwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen Oil	2426	8.9 W	3821 NW St Helens	Tom Gainer	VCP Letter Agr for PA (8/00)	XPA	12/06/06	Stormwater	Ongoing	Storm water sampling per JSCS	Summer 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed; 2006		Storm water BMPs and filtering catch basin sediment							
Christensen Oil	2426	8.9 W	3821 NW St Helens	Tom Gainer	VCP Letter Agr for PA (8/00)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen Oil	2426	8.9 W	3821 NW St Helens	Tom Gainer	VCP Letter Agr for PA (8/00)	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Terminal	169	8.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Terminal	169	8.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Terminal	169	8.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	12/18/06	Groundwater	Ongoing	RP needs to finalize RI and SCE report (RI Report due January 2007)	to be determined	Waiting on SCE to be completed	p Low		Waiting for SCE to be completed.									
Texaco Terminal	169	8.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	12/18/06	Stormwater	Ongoing	Stormwater Evaluation Work Plan due December 2006	to be determined	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed									
Texaco Terminal	169	8.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Terminal	169	8.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anderson Brothers Property	970	8.9	5275 & 5315 NW St. Helens Rd.	Bob Schwarz	ICP	RI	11/28/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anderson Brothers Property	970	8.9	5275 & 5315 NW St. Helens Rd.	Bob Schwarz	ICP	RI	11/28/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anderson Brothers Property	970	8.9	5275 & 5315 NW St. Helens Rd.	Bob Schwarz	ICP	RI	11/28/06	Groundwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anderson Brothers Property	970	8.9	5275 & 5315 NW St. Helens Rd.	Bob Schwarz	ICP	RI	11/28/06	Stormwater	Ongoing	Implementation of stormwater line cleanup and BMPs	SOW under development	Waiting on SCE to be completed - schedule to be determined	to be determined		Waiting on SCE to be completed					2d qtr 2007				
Anderson Brothers Property	970	8.9	5275 & 5315 NW St. Helens Rd.	Bob Schwarz	ICP	RI	11/28/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anderson Brothers Property	970	8.9	5275 & 5315 NW St. Helens Rd.	Bob Schwarz	ICP	RI	11/28/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vanwater and Rogers	330	9	3950 NW Yeon Ave	EPA lead; Kristine Koch	RCRA Order	RI	12/18/06	Overland Transport/Sheet Flow	N/A	NA	NA	NA	None		N/A									
Vanwater and Rogers	330	9	3950 NW Yeon Ave	EPA lead; Kristine Koch	RCRA Order	RI	12/18/06	Bank Erosion	N/A	NA	NA	NA	None		N/A									

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Confirmed or suspected Sources of contamination to the river					Source Control Evaluation (SCE)								Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)											
Site information																								
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
Vanwater and Rogers	330	9	3950 NW Yeon Ave	EPA lead; Kristine Koch	RCRA Order	RI	12/18/06	Groundwater	Ongoing	No current schedule	No current schedule	Waiting on SCE to be completed	to be determined		NA									
Vanwater and Rogers	330	9	3950 NW Yeon Ave	EPA lead; Kristine Koch	RCRA Order	RI	12/18/06	Stormwater	Ongoing	No current schedule	No current schedule	Waiting on SCE to be completed	to be determined		NA									
Vanwater and Rogers	330	9	3950 NW Yeon Ave	EPA lead; Kristine Koch	RCRA Order	RI	12/18/06	Overwater Activities	N/A	NA	NA	NA	None		NA									
Vanwater and Rogers	330	9	3950 NW Yeon Ave	EPA lead; Kristine Koch	RCRA Order	RI	12/18/06	Other																
Guilds Lake RR Yard	100	9.0 W	3500 NW Yeon	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Guilds Lake RR Yard	100	9.0 W	3500 NW Yeon	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Guilds Lake RR Yard	100	9.0 W	3500 NW Yeon	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Groundwater	Ongoing	GW Investigation ongoing; in early stages	2006 Pre-RI report identified some sources; full SCE schedule to be determined 1/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed									
Guilds Lake RR Yard	100	9.0 W	3500 NW Yeon	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Stormwater	Ongoing	SW Investigation ongoing; in early stages	2006 Pre-RI report identified some sources; full SCE schedule to be determined 1/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed									
Guilds Lake RR Yard	100	9.0 W	3500 NW Yeon	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Guilds Lake RR Yard	100	9.0 W	3500 NW Yeon	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Overland Transport/Sheet Flow - Area 1	N/A	N/A, entirely paved and/or developed	N/A	N/A	none	p High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Overland Transport/Sheet Flow - Area 2	Ongoing	Focused RI report w/ source control screening submitted 11/06	TBD pending DEQ's review of RI report (late-2007)	Pathway is complete	p High		Waiting on SCE to be completed.									
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Overland Transport/Sheet Flow - Area 3	Ongoing	Focused RI report w/ source control screening submitted 6/06	TBD pending DEQ's review of RI report (late-2007)	Pathway is complete	p High		Waiting on SCE completion									
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Bank Erosion - Area 1	Ongoing	Survey of erodible soils, follow-up sampling	No current schedule (late-2007)	Waiting on SCE to be completed	to be determined		Waiting on SCE completion									
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Bank Erosion - Area 2	Ongoing	Focused RI report w/ source control screening submitted 11/06	TBD pending DEQ's review of RI report (late-2007)	Pathway is complete	p High		Waiting on SCE completion									
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Bank Erosion - Area 3	Completed			Pathway is complete	High			TBD pending DEQ's review of RI report (late-2007)								
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Overwater Activities - Area 3	N/A	N/A	N/A	No known current sources (spills will be reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Groundwater - Area 1	Completed	N/A, SCE submitted to EPA February 2003, SCMs implemented	N/A	Groundwater is a complete pathway, VOC plume migrating to river.	p Med		EPA comments received 5/03	alternatives evaluation completed, EPA commens received 5/2003	Hydraulic containment and source removal	SCD submitted to EPA 2/2003, EPA comments received 5/2003	P&T and AS/SVE systems installed and operating	~20 lbs. of HVOCs removed as of 11/05	Assess downgradient capture of VOC plume on Lakeside Industries property. Schedule TBD		Quarterly performance monitoring and reporting	
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Groundwater - Area 2	Ongoing	Focused RI report w/ source control screening submitted 11/06	TBD pending DEQ's review of RI report (late-2007)	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									

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Controlling Confirmed or Suspected Upland Sources of Contamination to Portland Harbor

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Groundwater - Area 3	Ongoing	Focused RI report w/ source control screening submitted 6/06	TBD pending DEQ's review of RI report (late-2007)	Pathway is complete	to be determined		Waiting on SCE to be completed.									
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Stormwater - Area 1	Ongoing	Compile, review and screen data	No current schedule (late-2007)	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Stormwater - Area 2	Ongoing	Focused RI report w/ source control screening submitted 11/06	TBD pending DEQ's review of RI report (late-2007)	Pathway is complete	p High		Waiting on SCE to be completed.									
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Stormwater - Area 3	Ongoing	Focused RI report w/ source control screening submitted 6/06	TBD pending DEQ's review of RI report (late-2007)	Pathway is complete	p High		Waiting on SCE to be completed.									
Gunderson	1155	9.0 W	4350 SW Front	Dana Bayuk	Pre-PH VCP Formal Agr for RI/FS (1994)	RI	12/20/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner (Parts Mfg Plant)	115	9.2 E	5400 N Basin	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner (Parts Mfg Plant)	115	9.2 E	5400 N Basin	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner (Parts Mfg Plant)	115	9.2 E	5400 N Basin	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Groundwater	Ongoing	GW investigation nearing completion	2007	Waiting on SCE/RI to be completed	to be determined											
Freightliner (Parts Mfg Plant)	115	9.2 E	5400 N Basin	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Stormwater	Ongoing	Additional stormwater sampling needed	SOW approved 9/06	Waiting on SCE to be completed	to be determined			RP voluntary cleanout of stormwater system prior to completing screening								
Freightliner (Parts Mfg Plant)	115	9.2 E	5400 N Basin	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner (Parts Mfg Plant)	115	9.2 E	5400 N Basin	Mike Romero	PH Agr for RI/SCM (12/02)	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3	3003 NW 35th Ave	Mark Pugh	Negotiating PPA	Negotiating PPA	12/01/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	p Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3	3003 NW 35th Ave	Mark Pugh	Negotiating PPA	Negotiating PPA	12/01/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3	3003 NW 35th Ave	Mark Pugh	Negotiating PPA	Negotiating PPA	12/01/06	Groundwater	Not Started		No current schedule; pending PPA development	Waiting on SCE to be completed	Low		N/A									
Columbia American Plating	29	9.3	3003 NW 35th Ave	Mark Pugh	Negotiating PPA	Negotiating PPA	12/01/06	Stormwater	Not Started	Installation and sampling of storm drain	No current schedule; pending PPA development	Waiting on SCE to be completed	p Low		N/A									
Columbia American Plating	29	9.3	3003 NW 35th Ave	Mark Pugh	Negotiating PPA	Negotiating PPA	12/01/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3	3003 NW 35th Ave	Mark Pugh	Negotiating PPA	Negotiating PPA	12/01/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GE Decommis-sioning	4003	9.5 W	2727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GE Decommis-sioning	4003	9.5 W	2727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
GE Decommis-sioning	4003	9.5 W	2727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	03/06/06	Groundwater	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GE Decommis-sioning	4003	9.5 W	2727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	12/06/06	Stormwater	Ongoing	Storm water sampling per JSCS	Winter 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be complete; summer 2007		Removal of PCB contaminated sediment from onsite catch basins and pipes, new CBs/filters, new pipes, paving		1st qtr. 2007					
GE Decommis-sioning	4003	9.5 W	2727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Galvanizers Company	1196	9.6 W	2406 NW 30h	Dana Bayuk	PH Agr for XPA (10/03)	XPA	12/19/06	Overland Transport/Sheet Flow	N/A	N/A, site located ~4,500 feet from river	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Galvanizers Company	1196	9.6 W	2406 NW 30h	Dana Bayuk	PH Agr for XPA (10/03)	XPA	12/19/06	Bank Erosion	N/A	N/A, site located ~4,500 feet from river	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Galvanizers Company	1196	9.6 W	2406 NW 30h	Dana Bayuk	PH Agr for XPA (10/03)	XPA	12/19/06	Groundwater	Ongoing	Continued monitoring	No current schedule (current focus is stormwater pathway)	XPA data suggests groundwater may contribute to City storm line during low flows	to be determined		Waiting on SCE to be completed. (2006)									
Galvanizers Company	1196	9.6 W	2406 NW 30h	Dana Bayuk	PH Agr for XPA (10/03)	XPA	12/19/06	Stormwater	Ongoing	Conduct additional sediment sampling/screening for site COI plus PCBs & phthlates; follow-up per JSCS (30th Ave side); & assess connections, discharge & potential impacts to City's 29th Ave line	Fall 2007	Pathway is complete	to be determined		Waiting on SCE to be completed. (2006)		Final SCMs TBD, interim SCMs include supplementing BMPs (yard sweeping) and evaluating yard paving/sealing and separating site storm water from City line							
Galvanizers Company	1196	9.6 W	2406 NW 30h	Dana Bayuk	PH Agr for XPA (10/03)	XPA	12/19/06	Overwater Activities	N/A	N/A, site located ~4,500 feet from river	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Galvanizers Company	1196	9.6 W	2406 NW 30h	Dana Bayuk	PH Agr for XPA (10/03)	XPA	12/19/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Goldendale Aluminum	2440	9.8 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed and commented 5/04		No SCM needed						N/A	
Goldendale Aluminum	2440	9.8 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Goldendale Aluminum	2440	9.8 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 5/04		No SCM needed						N/A	
Goldendale Aluminum	2440	9.8 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 5/04		No SCM needed						N/A	
Goldendale Aluminum	2440	9.8 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Goldendale Aluminum	2440	9.8 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 2	2769	10.0 W	3556 NW Front	Tom Gainer	IGA	XPA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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												Pathway determination	Pathway priority level	Site priority level										
Port of Portland Terminal 2	2769	10.0 W	3556 NW Front	Tom Gainer	IGA	XPA	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 2	2769	10.0 W	3556 NW Front	Tom Gainer	IGA	XPA	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		Waiting on SCE to be completed; 2007									
Port of Portland Terminal 2	2769	10.0 W	3556 NW Front	Tom Gainer	IGA	XPA	12/06/06	Stormwater	Ongoing	Evaluate stormwater system	Spring 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed; 2007									
Port of Portland Terminal 2	2769	10.0 W	3556 NW Front	Tom Gainer	IGA	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 2	2769	10.0 W	3556 NW Front	Tom Gainer	IGA	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	12/07/06	Overland Transport/Sheet Flow	Ongoing	SCE ongoing	12/07	Waiting on SCE to be completed	to be determined	to be determined	Waiting on SCE to be completed									
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	12/07/06	Bank Erosion	Ongoing	SCE ongoing	12/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed									
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	12/07/06	Groundwater	Ongoing	SCE ongoing, additional characterization completed 2006	12/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed									
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	12/07/06	Stormwater	Ongoing	SCE ongoing, sampling initiated 2006	12/07	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed		RP cleaned out stormwater system prior to completion of screening; more SCMs may be needed							
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	12/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	12/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA commended on SCD in 10/06	Source Control Decision and NFA issued 12/6/06								
PGE Substation E	3976	10.4	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Stormwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulzer Pump	1235	10.4 W	2800 NW Front	Mark Pugh	PH Agr for XPA (9/02)	XPA	03/03/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulzer Pump	1235	10.4 W	2800 NW Front	Mark Pugh	PH Agr for XPA (9/02)	XPA	06/06/06	Bank Erosion	Ongoing	RP is conducting a SCE	SCE to be completed in fall 2006	Waiting on SCE to be completed	p Low		N/A	N/A								





Table 1: DEQ Milestone Report
Controlling Confirmed or Suspected Upland Sources of Contamination to Portland Harbor

= Shading indicates that upland source control work has been completed at the site.
 = Orange indicates that the site is a high priority, or potentially high priority for source control.
 = Yellow indicates that the site is a medium priority, or potentially medium priority for source control.
 = Green indicates that the site is a low priority, or potentially low priority for source control.

Confirmed or suspected Sources of contamination to the river					Source Control Evaluation (SCE)								Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)											
Site information																								
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										
Sulzer Pump	1235	10.4 W	2800 NW Front	Mark Pugh	PH Agr. for XPA (9/02)	XPA	12/01/06	Groundwater	Ongoing	RP is conducting a SCE	Spring 2008	Waiting on SCE to be completed	p Low	Medium	N/A	schedule for completing draft evaluation report: Fall 2006		SCE evaluation pending						
Sulzer Pump	1235	10.4 W	2800 NW Front	Mark Pugh	PH Agr. for XPA (9/02)	XPA	12/01/06	Stormwater	Ongoing	RP is conducting a SCE	Spring 2008	Waiting on SCE to be completed	Medium		N/A	N/A	Storm line and catch basin cleanout	Removal conduted as interim measure, more monitoring being conducted	Cleanout completed in Oct 2005	25 tons of sludge	twice annual cleaning of catch basins		N/A	periodic inspection and maintenance; twice annual cleanout
Sulzer Pump	1235	10.4 W	2800 NW Front	Mark Pugh	PH Agr. for XPA (9/02)	XPA	12/01/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulzer Pump	1235	10.4 W	2800 NW Front	Mark Pugh	PH Agr. for XPA (9/02)	XPA	12/01/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 1 North	3377	10.6 W	2200 NW Front	Tom Gainer	PH Agr. for RI/SCM	RI	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	to be determined	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 1 North	3377	10.6 W	2200 NW Front	Tom Gainer	PH Agr. for RI/SCM	RI	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 1 North	3377	10.6 W	2200 NW Front	Tom Gainer	PH Agr. for RI/SCM	RI	12/06/06	Groundwater	Ongoing	Complete groundwater weight-of-evidence evaluation concerning one well	Summer 2007	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed; Summer 2007									
Port of Portland Terminal 1 North	3377	10.6 W	2200 NW Front	Tom Gainer	PH Agr. for RI/SCM	RI	03/06/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		Waiting on SCE to be completed; Summer 2007									
Port of Portland Terminal 1 North	3377	10.6 W	2200 NW Front	Tom Gainer	PH Agr. for RI/SCM	RI	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 1 North	3377	10.6 W	2200 NW Front	Tom Gainer	PH Agr. for RI/SCM	RI	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Riverscape (aka Port of Portland T1S)	2642	10.9	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA did not review SCD since site was outside PH		Soil removal and management plan during development; Deed restrictions						EPA did not review SCD since site was outside PH	
Riverscape (aka Port of Portland T1S)	2642	10.9	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA did not review SCD since site was outside PH		No SCM needed						EPA did not review SCD since site was outside PH	
Riverscape (aka Port of Portland T1S)	2642	10.9	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA did not review SCD since site was outside PH		No SCM needed						EPA did not review SCD since site was outside PH	
Riverscape (aka Port of Portland T1S)	2642	10.9	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA did not review SCD since site was outside PH		No SCM needed						EPA did not review SCD since site was outside PH	
Riverscape (aka Port of Portland T1S)	2642	10.9	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Overwater Activities	Completed			Insignificant pathway; no actions recommended	Low		EPA did not review SCD since site was outside PH		No SCM needed						EPA did not review SCD since site was outside PH	
Riverscape (aka Port of Portland T1S)	2642	10.9	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Table 1: DEQ Milestone Report
Controlling Confirmed or Suspected Upland Sources of Contamination to Portland Harbor

 = Shading indicates that upland source control work has been completed at the site.
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 = Yellow indicates that the site is a medium priority, or potentially medium priority for source control.
 = Green indicates that the site is a low priority, or potentially low priority for source control.

Confirmed or suspected Sources of contamination to the river								Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)									
Site information					Project status																			
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	Potential contaminant migration pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination that source control is needed			Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Proposed SCM activities to be done and schedule (m-y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
												Pathway determination	Pathway priority level	Site priority level										

Note: DEQ screened the following sites and determined that they are not potential sources of contamination to the Willamette River: Alder Creek Lumber; Babcock Land Company, LLC; City of Portland Bureau of Environmental Services Water Lab; Hamton Lumber Sales/CMI/NW; Hendren Tow Boats; Lone Star NW; RK Storage; Santa Fe Pacific Pipeline; Transloader International (General Construction Co.).

DEQ Milestone Report

Information about the Source Control Table

Use Of This Sheet

This spreadsheet is intended to track and share information regarding the status of current and potential future upland source control measures. Information is logged by the status of the evaluation in each pathway. The following pathways are included: overland transport, bank erosion, groundwater, stormwater, overwater activities, and other (see definitions below). Site included in this spreadsheet are currently being investigated under DEQ oversight or a recent source control decision made for the facility. For more information on these sites please visit DEQ's Environment Cleanup System Information (ECSI) database at <http://www.deq.state.or.us/wmc/ECSI/ecsiquery.htm>

Definitions

Potential contaminant migration pathways

Overland Transport = Uncontrolled sheet flow of water and other material to the river from a site.

Bank Erosion = Erosion of material within the sloping bank areas of the site to the river.

Groundwater = Groundwater plumes or discharges to the river either via seeps or through preferential pathways.

Stormwater = Stormwater discharges to the River that originates from a pipe (permitted or unpermitted).

Overwater Activities = The storage or use of hazardous substances over the water (i.e., storage tanks on docks, permanent work activities conducted over water), that if released would be a potential current or future source of contamination to the river. Pipelines and other conveyance systems are not considered in this category. Releases from these types of systems need to be reported to the state Oregon Emergency Response System (OERS) system.

Other = Pathway examples: wastewater discharges, air deposition, direct discharges.

Priority levels for pathways and sites

High = High priority pathways and sites are those where a complete contaminant migration pathway exists and the upland source is significantly impacting the river or poses a significant and imminent threat to the river based on initial evaluation of key source control prioritization factors (listed on p. 4-3 JSCS). A primary consideration is that one or more media (soil, water, air) significantly exceed applicable Screening Level Values (SLVs) at the point of discharge to the river (e.g., water at the end of a discharge pipe, or soil or material at the riverbank) or the most reliable and cost-effective data point (e.g., groundwater measured at the shoreline), or where a bioaccumulative chemical is detected at concentrations significantly above the SLV. In addition, if an upland source is violating DEQ narrative water quality criteria for the Willamette River, the site may be considered a high priority. High priority sites are expected to move forward with aggressive source control measures without delay or be subject to enforcement action.

Medium = Medium priority pathways and sites are those where a complete contaminant migration pathway exists and the upland source is impacting the river or poses a significant and/or imminent threat to the river based on an initial evaluation of key source control prioritization factors (listed on p. 4-3 JSCS). A primary consideration is that one or more media exceed applicable SLVs, but not significantly, at the point of discharge to the river, or where a bioaccumulative chemical is detected at concentrations above the SLV. Although exceedance of SLVs does not necessarily indicate a site poses a significant and/or imminent threat or needs to immediately implement source control measures, it does indicate that the site may pose a threat to human health or the environment and that additional evaluation may be needed to determine if source control measures are required to prevent, minimize or mitigate the migration of hazardous substances to the river. If the site exceeds one or more SLVs, the need for further characterization or for implementation of source control measures will be based on a site-specific weight-of-evidence determination. Medium priority sites are expected to perform a


Low = Low priority pathways and sites are those where upland data indicate, based on an initial evaluation of key source control prioritization factors (listed on p. 4-3 JSCS), that the site likely poses a low threat to the river (e.g., concentrations are near or below SLVs) or where DEQ, in consultation with EPA, may issue an upland "No Further Action" (NFA) determination or lower the State's priority of the site for further upland investigation or remedial action under DEQ's cleanup authority. Source control measures will not be required at low priority sites unless determined necessary by the results of the Portland Harbor RIFS or ROD.

p High = DEQ's preliminary determination is that this is likely a high priority pathway or site based on available information; pending formal source control evaluation determination.

p Med = DEQ's preliminary determination is that this is likely a medium priority pathway or site based on available information; pending formal source control evaluation determination.

p Low = DEQ's preliminary determination is that this is likely a low priority pathway or site based on available information; pending formal source control evaluation determination.

Shading

 = Upland Source Control Decision has been completed for the specified pathway at this site.

DEQ Milestone Report

Information about the Source Control Table

Pick Lists

Pick lists are used to facilitate the addition of information to the spreadsheet. A pick list is a list that can be used by the project manager to select an entry from a group of designated choices. Pick lists will appear as a pull down menus in the lower right corner for the following fields: *Project status*, *Status of SCE*, *Schedule for Completing SCE*, *Completeness of pathway to the river*, *Pathway priority level*, *Site priority level*, *Source control alternatives evaluation and schedule*, *Selected SCMs*, *Mass or volume of contaminants controlled*, and *Operation and maintenance requirements*. The pick lists for these fields are shown below.

Project Status
PA
XPA
RI
FS
RD / RA
NFA
PPA

Status of SCE
Ongoing
Not Started
Pending EPA Review
Completed
N/A

Schedule for completing SCE
No current schedule. SOW under development, due (type date).
SOW currently being implemented.
(PM description of schedule)
N/A

Pathway determination
Pathway is complete
Insignificant pathway; no actions recommended
Waiting on SCE to be completed
No known current sources (spills will be reported to OERS)
(PM description of source and pathway)
N/A (use when the pathway does not exist at the site)

Alternatives evaluation and schedule
no alternatives evaluation needed
draft evaluation report: (m/y)
schedule for completing final evaluation report: (m/y)
evaluation to be part of upland FS; schedule for completing draft/final: (m/y)
alternatives evaluation completed (m/y)

Priority level
High
Medium
Low
p High
p Med
p Low
to be determined
none (use if SCE determined the pathway to be incomplete)

Status of EPA "Partners" Review of SCA Decision
EPA reviewed and commented.
Review Pending. SCA submitted (type date).
SCA to be submitted on (type date).
Public Comment period (type date) to (type date).
SCA submitted to EPA (type date). No comments.
N/A

Status of EPA review of SCE decision
Review pending; SCE submitted (m-y)
waiting on SCE completion (m-y)
SCE to be submitted to EPA on (m-y)
To be determined
SCE submitted to EPA (m-y); no comments

Selected SCMs
No SCM needed
(PM description of SCMs)
N/A

Operation and Maintenance requirements
periodic inspection and maintenance effectiveness monitoring
site use restrictions (PM description of operation/maintenance requirements)
none

Mass/Volume of contaminants controlled
cubic yards of soil removed
square feet of area capped
linear feet of plume controlled at riverbank
linear feet of riverbank stabilized
gallons of product recovered
(PM description of mass/volume/area controlled)

DEQ Milestone Report
Information about the Source Control Table

N/A

DEQ Milestone Report

Information about the Source Control Table

Acronyms & Abbreviations

Agr	Agreement
AOC	Administrative Order on Consent
AS/SVE	Air sparge soil vapor extraction
AST	Above ground Storage Tank
BMPs	Best Management Practices
BRA	Baseline Risk Assessment
ECSI	Environmental Cleanup Site Information
FS	Feasibility Study
GW	Groundwater
IGA	Inter-Governmental Agreement
JSCS	Joint Source Control Strategy
NA	Not Applicable
NFA	No Further Action
OF	Outfall
p&t	Pump & Treat
PA	Preliminary Assessment
PH	Portland Harbor
PH Agr	Portland Harbor Agreement - a formal agreement for a RI and SC
PH Ltr Agr	Portland Harbor Letter Agreement - an initial contract covering DEQ oversight costs and limited investigation and cleanup activities
PM	Project Manager
PPA	Prospective Purchaser Agreement
RD/RA	Remedial Design/Remedial Action
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
SC	Source Control
SCD	Source Control Decision
SCM	Source Control Measure
SLV	Screening Level Value
SOW	Scope of Work
SVE	Soil Vapor Extraction
TCA	Trichloroethane
UST	Underground Storage Tank
WO	Waiting on
XPA	Expanded Preliminary Assessment

DEQ Project Managers' Phone Numbers

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**DEQ Source Control Decisions
Current and Potential Upland Sources to the River**

Site Location Key

Link to map of sites:

<http://www.deq.state.or.us/nwr/PortlandHarbor/phmap.pdf>

Site Name	AKA - alternate site names	ECSI # (primary)	ECSI # (secondary)	River Mile	Address
ACF Industries	American Car Foundry, EMC Industries - ACF Car, Pacific Metal Substations, Inc., Richmond Tank Car and Manufacturing Co.	794		3.6	12160 NW St Helens
Atofina	Arkema, Elf Atochem North America, Pennwalt Chemical Corp.	398		7.2	6400 NW Front
BP Terminal 22T	ARCO, ARCO Linnton Terminal, BP Atlantic Richfield Company	1528	2373, 2351	5.3	9930 NW St Helens
Brix Maritime	Foss Maritime Co., Knappton Corp.	2364		5.7	9030 NW St Helens
Calbag Metals	ACME Trading and Supply	2454	2425	8.5	4927 NW Front
Chevron Asphalt		1281		8	5501 NW Front
Christensen Oil	HAJ, Incorporated	2426		8.9	3821 NW St Helens
City of Portland Outfalls		2425		3.5 to 9.2	various
Con-Metco		3295		2.8	3940 N Rivergate
Crawford Street Corp	Columbia Forge & Machine Works, Lampros Steel - 8524 N Crawford, TLS Steel - 8514 N Crawford	2363		6.3	84248 N Crawford
Exxon Mobil	ExxonMobil Bulk Plant, ExxonMobil Terminal, Mobil Oil Bulk Plant - St. Helens RD, Shore Terminals, ST Services, Olympic Pipeline	137		5.1	9420 NW St Helens
Fred Devine	Pacific Coast Environmental, The Marine Salvage Consortium Inc	2365		8.3	6211 N Ensign
Freightliner (Parts Manufacturing Plant)	a.k.a. Freightliner Truck Manufacturing Plant II	115		9.2	5400 N Basin
Front Ave LP	CMI Northwest, Hampton Lumber Sales, Glacier NW (former Lone Star), Tube Forgings of America,	1239	2378	8.1	4950, 5034 & 5200 NW Front
Galvanizers Company		1196	2425	9.6	2406 NW 30th Ave.
Gasco	NW Natural, Koppers Co. - Portland, Pacific Northern Oil Co.,	84	183	6.4	7900 NW St Helens
Gasco/Siltronic Corp.	Siltronic Corporation, Walker Siltronic	183	84	6.6	7700 NW Front
GE Decommissioning		4003	2425	9.5	2727 NW 29th Ave.
Georgia Pacific Linnton	Georgia-Pacific / Western Wood Prods Manuf Divn, Georgia-Pacific West, Morge Bros.	2370		3.9	12222 NW Marina
Goldendale Aluminum	Ash Grove Cement, Columbia Aluminum, Martin Marietta, Golden NW Aluminum	2440		9.8	2600 N River
GS Roofing	Bird & Son, Certainteed Corporation, Fibreboard Corporation	117		7.5	6350 NW Front
Guilds Lake RR Yard	Burlington Northern Santa Fe Railroad Lake Yard, Guilds Lake Railyard, Kleen Blast Abrasives, Lake Yard, Portland Terminal Railroad Guilds Lake Yard	100		9	3500 NW Yeon
Gunderson		1155	2372, 2425	9.0	4350 SW Front
Jefferson Smurfit	Burgard Industrial Park	2371		3.7	9930 N Burgard

**DEQ Source Control Decisions
Current and Potential Upland Sources to the River**

Site Location Key

Link to map of sites:

<http://www.deq.state.or.us/nwr/PortlandHarbor/phmap.pdf>

Site Name	AKA - alternate site names	ECSI # (primary)	ECSI # (secondary)	River Mile	Address
Kinder Morgan	GATX, GATX Linnton Terminal, GATX St. Helens Road Facility	1096		4.2	11400 NW St Helens
Lakeside Industries		2372	1155	8.4	4850 NW Front
Linnton Plywood		2373		4.6	10504 NW St Helens
Mar Com Marine (N Parcel)	L & S Marine, Mar Com Marine Ways, Marine Machine Works (Former), Nichols Marine Ways Inc., Riverside Lumber Co. (Former)	2350		5.6	8790 N Burgard
Mar Com (S Parcel)	St. Johns Langley LLP, Brix (current owner), L & S Marine, Mar Com Marine Ways (former owner), Marine Machine Works (Former), Nichols Marine Ways Inc., Riverside Lumber Co. (Former)	2350		5.8	8790 N Burgard
Marine Finance	Hendren Tow Boat, REH Inc., Riverside Industrial Park, Advanced American	2352		5.8	8444 NW St Helens
McCall Oil	Great Western Chemical, Quadra Chemicals	134		7.4	5550 NW Front
NW Pipe	Northwest Pipe Company	138		3.9	12005 N Burgard
Oregon Steel Mills	Gilmore Steel Corp. - Rivergate	141		2.2	14400 N Rivergate
Owens-Corning Fiberglass	Trumbull Asp, Kingsley Park, Linnton Planing Mill, Paramount Petroleum Site	1036		3.8	11444 NW St Helens
PGE Harborton		2353		3.2	NW Marina Way
Port of Portland Auto Storage Area (ASA)	Toyota	2642		5.0	10400 Lombard
Portland Shipyard	Cascade General, Swan Island Upland Facility, North Channel Ave Fabrication, Berth 311	271		8.4	Swan Island
Premier Edible Oils	C & T Quincy Foods (SEE ECSI 2355), Schnitzer Investment Corp.	2013	2355	3.6	10400 N Burgard
Riverscape	Port of Portland T1S	2642		10.9	2100 NW Front
Schnitzer Burgard	International Terminals, North Burgard Industrial Park, Schnitzer Steel	2355		4.1	12005 N Burgard
Schnitzer Kittridge	Asset Recovery, Schnitzer Investment Corp	2442		8.3	4959 NW Front
Shaver Transportation		2377		8.4	4900 NW Front
Siltronic Corp. TCE Investigation	Siltronic Corporation, Walker Siltronic	183		6.6	7200 NW Front

**DEQ Source Control Decisions
Current and Potential Upland Sources to the River**

Site Location Key

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Site Name	AKA - alternate site names	ECSI # (primary)	ECSI # (secondary)	River Mile	Address
Sulzer Pump	Bingham International, Bingham Willamette, Sulzer Pumps, Inc.	1235		10.4	2800 NW Front
Terminal 1 North	BES- Nicolai Shaff	3377		10.6	2200 NW Front
Terminal 2		2769		10	3556 NW Front
Terminal 4 Slip 1	IRM, Cargill	2356		4.3	11040 N Lombard
Port of Portland - Terminal 4 Slip 3	Hall-Buck Marine Inc., Oregon Terminal Company (OTC), OTC Gearlock Maintenance Facility (Former), Quaker State Oil Co., UPRR - Product Transfer Pipeline (Former)	272		4.6	10400 Lombard
Terminal 5	Oregon Steel Mills Slag Pile, Port of Portland - Terminal 5, Blue Lagoon	1686		1.5	15540, 15550, & 15560 N Lombard
Texaco Terminal	Equilon, Shell	169		8.9	3800 NW St Helens
Time Oil (Northwest Terminal)	Bell Terminal	170		3.4	10350 Time Oil Rd
Triangle Park (N PDX Yard)	North Portland Yard, Riedel Environmental Services - N Portland Yard, Sakrete of the Pacific Northwest, Inc., Western Pacific Dredging/Drilling/Piledriving/etc., Willamette-Western Company, World Security Services Company	277		7.5	5828 N Van Houten
UPRR Albina	Albina Rail Yard, Union Pacific RR - Albina Yard	178		10.3	2745 N Interstate
UPRR St Johns Tank Farm	Union Pacific RR - St. Johns Tank Farm, UPRR - Product Transfer Pipeline (Former), UPRR Fuel Loading Facility (Former), Port of Portland Terminal 4 Slip3	2017		4.6	6908 N Roberts
USCG	US Coast Guard - Portland Station	1338		8.2	6767 N Basin Ave.
Willamette Cove		2066		6.8	Foot of N Edgewater
Willbridge	Kinder Morgan, Chevron, ConocoPhillips, GATX - Willbridge Terminal, Tosco - Willbridge Terminal, Unocal - Willbridge Terminal	1549		7.7	Front Ave & NW Doane
Rhone Poulenc	East Doane Lake, Aventis Crop Science, Rhone Poulenc Agricultural Company	155		6.9	6200 NW St Helens
Triangle Park (N PDX Yard)		277	7.5	5828 N Van Houten	
UPRR Albina		178	10.3	2745 N Interstate	
UPRR St Johns Tank Farm		2017	4.6	6908 N Roberts	
USCG		1338	8.2	6767 N Basin Ave.	
Willamette Cove		2066	6.8	Foot of N Edgewater	
Willbridge	Kinder Morgan, Chevron, ConocoPhillips	1549	7.7	Front Ave & NW Doane	
Rhone Poulenc		155	6.9	6200 NW St Helens	